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# ORNITHOLOGICAL SYNONYMS.

BY THE LATE

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VOL. I.

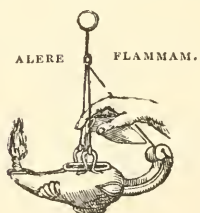
ACCIPITRES.

LONDON:

JOHN VAN VOORST, PATERNOSTER ROW.

MDCCCLV.

PRINTED BY TAYLOR AND FRANCIS,  
RED LION COURT, FLEET STREET.



# ORNITHOLOGICAL SYNONYMY.

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## INTRODUCTION.

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“ La détermination précise des espèces et de leurs caractères distinctifs fait la première base sur laquelle toutes les recherches de l'histoire naturelle doivent être fondées. Les observations les plus curieuses, les vues les plus nouvelles, perdent presque toute leur mérite quand elles sont dépourvues de cet appui ; et malgré l'aridité de ce genre de travail, c'est par là que doivent commencer tous ceux qui se proposent d'arriver à des résultats solides.”—CUVIER.

“ Si la nomenclature est indispensable à connaître pour être en rapport avec tous les savans, la synonymie n'est guère moins nécessaire pour reconnaître avec certitude le nom qui doit être adopté de préférence à tout autre, et surtout pour lire les ouvrages des auteurs anciens, ou de ceux qui n'ont point suivi la nomenclature systématique.”—DECANDOLLE.

“ The vast mass of synonyms which it has now become the laborious but indispensable task of the systematic naturalist to unravel, forms a most serious impediment to the progress of the science.”—STRICKLAND, MS.

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It is well known to every one who has worked out any branch of natural science, and even to those who have only partially engaged in similar research, that no department requires so much patience and impartiality, and shows so little apparent result in comparison with the time and labour bestowed, yet is withal so necessary and essential to the clear understanding of the subject, as that of unravelling the *Synonymy* or the *various names* by which the same object has been over and over again designated. In Zoological and Botanical science, synonymy has of late increased to an enormous extent, and the space necessary to enumerate the names that have been applied to each species is equal to—sometimes more than,—what would be required for a detail of

their specific characters or descriptions. This increased with the progress of research and the number of describers, but it need not necessarily have done so. In early times there were few who gave their attention to natural science : and up to the æra of Linnæus, when the binomial nomenclature had its origin, we have not to record much synonymy, but have merely to trace the local, or sometimes barbarous names by which animals or plants were noticed in the older voyages and travels, or by the few authors who attempted to describe them separately. As, however, the love for these pursuits increased, and the interest which their study imparted became more real, when taken in connexion with the arts and our commercial and manufacturing relations, new objects continually occurred which required names ; and if no old designation was discovered, a new one was applied. This would have been quite legitimate, had all means to find out whether the object referred to was ever previously named, been exhausted ; but this was not done, and synonymy consequently flourished.

The causes of this great increase are of a twofold nature ; the one almost beyond the control of the individual, the other depending on his own carelessness or pride. Many observers find some object exceedingly beautiful or curious ; they cannot make it out, and do not like the trouble of inquiring for and examining the works that relate to it, and a new name is at once applied, which saves all further trouble to *them*. Others, again, do examine and find out what they are in search of, but they at the same time discover something faulty in the previous name ; —it is badly compounded ; it is not applicable to the species ; it is too like some other name ; it is used in some other branch of science ; in short, they wish to apply a name of their own, the old one is discarded, and an addition made to our already long list. New names, given under circumstances such as these, are, we fear, the most numerous, and are certainly the most to be regretted : others arise from causes also to be regretted, but where individual blame cannot in the same way be attached. Many excellent observers labour abroad, and have a large knowledge of their subject ; but at a distance from all positive information, they append names to their specimens sent home, often with instructions that these are only provisionally given with

reference to their lists or catalogues, but which are neglected by their over-zealous editor, and the new names are launched out to swell the list still farther. Other equally exact observers labour and examine so far as their opportunities admit, but very few possess either the libraries or collections to illustrate even any one branch of Zoology or Botany : it is true that these hindrances are diminishing every day, and from the ease and small expense with which queries regarding any unknown or disputed species can be circulated, there is scarcely an excuse now for any one remaining in ignorance of anything that may come into his possession; and the alternative of either giving a new name, or leaving it blank to be filled up by some other observer, is therefore taken away.

From these causes, and a few others incident to them, ornithological synonymy, both generic and specific, has reached a bewildering extent. The generic names at present employed, according to the list prepared for the British Museum by Mr. George Robert Gray during this year (1855), reaches to no less a number than 2403 (which, so far as we know the number of birds already discovered, would allow somewhat less than *three* species to each genus), and to these has to be added their synonymy, reaching from *one* to *ten* for each genus\*. The extent of the specific synonymy cannot be ascertained or enumerated. Any work, then, undertaken with care and judgment, and with an adequate knowledge of the subject, that will unravel this synonymy, must be of the utmost importance not only to the student of ornithology, but to any one who is working without the means of access to a complete library or an extensive collection; and there cannot be any doubt that the large mass of materials which it is now our object to publish, will, when arranged and completed, assist materially in supplying this want.

Among the various branches of Natural Science pursued by *Hugh E. Strickland*, next to *Geology*, that of *Ornithology* occupied the greatest portion of his attention, and was actively prosecuted at an early period of his life. During his travels on the

\* *A List of Genera and Subgenera of Birds*, by George Robert Gray. London, 1855. Since the publication of the above, we perceive in some recent works several additional genera have been contrived, so that the numbers quoted are already under the amount.

continent, and in Greece and Asia Minor, considerable collections were made; and on returning again to his home and commencing a more detailed and systematic study of Zoology in general, the same wants that had been so frequently impediments to others,—the loose state of *Zoological Nomenclature*, and the impossibility of referring to any arranged *Synonymy*,—soon arrested his attention, and with his accustomed energy he at once set himself to compile and arrange materials to supply these deficiencies. His plan for the reform of Zoological Nomenclature was first publicly brought forward under the auspices of the British Association in 1842 at its meeting in Manchester, and after some opposition at the time, and a little difficulty in falling at once under the rules proposed, it has become almost universally employed by zoologists as the guide and reference upon this subject. The second part of the undertaking, by far the most laborious and extensive, had been commenced some years previously, and the plans for filling up and gradually perfecting *Synonymy* were laid down. The synonymy of various branches of Zoology had been contemplated\*; but the papers relating to Ornithology, which had been made a more particular study, were prepared and printed, and had been some time in progress of being filled up. These generally accompanied him on his visits among scientific friends, and no opportunity was omitted to increase and verify them by comparison with books and the examination of collections, as well as by an extensive correspondence with ornithologists both at home and abroad; and at the period of his decease the manuscript papers amounted to no less than thirty-two volumes, having references quoted from two hundred and forty-three separate works and papers which had been completely examined and exhausted. The work was gradually preparing for the press, and it was his intention, so soon as the printing of the last volume of the *Bibliography of Agassiz* was finished, to have entered upon the active prosecution of a long-promised and fondly cherished undertaking. The melancholy event which has deprived this work of the superintendence of the author himself need not be introduced now; it is well known to the scientific world; suffice it to say, that

\* Among the MSS. in possession of Mrs. H. E. Strickland, there is a large mass of materials for a synonymy of the Class Reptilia, both recent and fossil.

the preparation of the materials has been a great source of satisfaction to those more immediately afflicted by the sudden dispensation of Providence. The responsibility of editing materials far too valuable to be laid aside and forgotten, is also cheerfully undertaken as a duty to a very dear friend and companion ; and although every care has been taken to work out the author's views, as far as the recollection of frequent conversations on the subject and memoranda and notes interspersed throughout the manuscript suggested, it may be we have not entirely succeeded in bringing out his intentions. This must be our blame only. We have no doubt he would have used the words of Linnæus, and requested, "*Quo plures errores apud nos detergere potes, eo gravior eris ; tum possemus omnia corrigere vivi ;*" but the conclusion of the sentence must be borne in mind, "*post Fata non licet emendare propria opuscula.*"

In preparing these Synonyms for the press, it has been our object, as already stated, to follow out as far as possible the plans of their author, and which has been more easily done from memoranda having been written down at various times as they occurred, intended evidently to serve as guides for himself in the future printing of the work. The genera have, therefore, been placed as they followed each other in the manuscript, and as his ornithological collection was arranged ; and although they may not stand as he might have ultimately arranged them, we have thought it better to place them so than to make partial changes only. His views of an arrangement were averse to anything resembling a line, square, or circle : he conceived that it could only be mapped out by following the affinities to the ends of the branches or tributaries, as it were, which would form a very irregular distribution of the whole. He remarks in his memoranda, "The best way of constructing a really natural system of Birds seems to be, 1st, to discard all idea of symmetry either circular or linear ; 2nd, To take one genus at a time (at random), and to place it between those two others whose affinity to it is the most palpable. If this were done throughout, an irregular branching tree would be constructed, and those genera which have only *one* affinity would form the ends of the branches, those with *two* affinities would come in the middle of the branches, and those with more than *two* would form the base of



the other branches. This *synthetical* method seems to me preferable to the ordinary *analytical* one of taking the class Birds, dividing it into orders, these into families," &c.

The Synonyms generally are arranged chronologically, or as far as the dates can be ascertained; it was proposed for this, that "each distinct appellation, whether differing in the name of the genus or species, or both, should form the beginning of a distinct paragraph, to be followed by the references to the several authors who have given it that appellation; that paragraph to be placed first in which the earliest author quoted occurs, to be followed by those paragraphs which agree with it in their specific designation, but differ in their generic, to be placed chronologically according to the first author quoted in each paragraph; these to be followed by those paragraphs which differ from the first in their specific designation in chronological order."

Vernacular names introduced into the Synonyms are "quoted only from those authors who do not adopt or recognize in any way the Latin nomenclature, as Buffon, Brown's Illustrations of Zoology, &c.; but from other works where Latin names are recognized by implication, these are used as far as possible."

"The citation of a plate or page of any work does not mean, 'this is a correct figure or description of the species in question,' but, 'that figure or description cannot be referred to any other species but the one in question.'"

"When a reference is made to any author regarding a species, such reference must be understood to refer only to the *description* or *figures* given by such author, and not to the Synonyms. Still less are the *varieties* mentioned by an author to be included in the first reference to him."

"In making reference to the 'Règne Animal' of Cuvier, it has been found necessary, in many cases, to quote the titles of the species, not as they actually stand in that work, but in that form which by implication it is evident that Cuvier intended they should exhibit. The comprehensive mind of that great zoologist seems to have soared above that minute attention to details which is indispensable to the order and efficiency of a system. He was engaged in sketching out the grand outlines of the picture, and left to others the laborious task of filling in the minor touches. Hence we find that in the arrangement of his



genera and species he followed no regular plan, but often recorded the essential facts with extreme looseness. By adopting a concise and conversational style he perhaps rendered his subject more generally popular, but he diminished the scientific accuracy of his work. After giving a brief definition of his groups, it was his custom to append in a note a list of such species as he referred to them; and in these cases, instead of giving in Latin the generic and specific name which he intended each species to retain, he merely quotes them under the old title of the author to whose work he refers, and frequently no other title is given than the barbarous names employed by Buffon and Levaillant. It follows from this, that in referring to the work of Cuvier, the only way to record the place which he himself assigned to any given species, was to quote, not the title as it stands in his work, but to take his generic name and append to it the specific name used by the older author whose work he quotes."

When Gray's List of Birds in the British Museum is quoted without a date, the edition of 1848 is referred to.

Many birds, whether from the same country or from different localities, are by some ornithologists considered distinct, by others as identical; for example, *Pandion haliaëtus* and *carolinensis*, *Fulco peregrinus* and *anatum*: this however is a matter of opinion only; and where Mr. Strickland kept them distinct and under different names, the identity not being in any way proved, we have allowed them to remain, and the synonyms apply to that particular name under which they are placed; thus, *Vultur cinereus* and *monachus* are kept under their respective names as distinct, though by several naturalists they are looked upon as identical. On the other hand, *Pandion haliaëtus* and *carolinensis*, *Falco peregrinus* and *anatum*, are, without doubt, identical, and are almost by common consent made so: these and some others are also placed separately, but under *one* number, the second being distinguished by a letter (102. and 102 *a.*); and thus the synonyms relating to the birds from the different countries can be at once seen; whereas had they been arranged together according to date, they must have been mixed with each other. It should be observed, however, that in the MS. these specific names were always kept upon a separate paper; in

some cases they might have been amalgamated by Mr. Strickland, in some others probably not. The letters affixed to the numbers, therefore, only indicate our own opinion of the identity of the species to which a common number is affixed.

The authority for Museums or Habitats always refers only to that after which it is immediately placed.

The Collection of the Zoological Society, which is frequently referred to as possessing specimens, is, we regret to say, already partially dispersed; and it will not, we fear, be very easy to trace the specimens. Some have been purchased by the British Museum, and are there easily accessible. We are not aware that any have yet been sold abroad, but several have passed to private museums. The dispersion of this collection is to be regretted. It contained the entire ornithological collection of the late N. A. Vigors, which was presented to the Society by that gentleman soon after its establishment in Bruton Street, where it was originally exhibited; it was chiefly valuable for reference as containing the types of most of the species mentioned and described by Mr. Vigors in his numerous zoological papers in the *Zoological Journal* and elsewhere. Many of Sir Stamford Raffles' specimens were there; also the first collections that were sent home from Borneo by Mr. Brooke; the types of many of the species figured by Mr. Fraser in the '*Zoologia Typica*;' some of those described in the voyage of the *Beagle*, as well as others of much ornithological interest.

Mr. Swainson's collection, also quoted, is now at Cambridge. It was purchased entire by the University before Mr. Swainson left this country for New Zealand, and can now be consulted.

The list of authors quoted from, with the abbreviations used, has been appended; it is essential for the reading of the volume, and will at the same time give an idea of the extent of research employed by Mr. Strickland.

A work entirely of reference, such as *Synonymy*, more expensive also to print than one of an ordinary character, would not clear the cost of publication. In these circumstances, the British Association again came forward to lend its support, and thus marked its sense of the importance of the subject to zoological science, as well as its confidence in the ability and perseverance of Mr. Strickland. At the meeting in Liverpool (1854) a grant

of one hundred pounds was given to assist in defraying the necessary expenses. From the desire to make this volume complete in itself, it has been restricted to the Synonymy of the first great Order of Birds, or Accipitres, and is therefore not so large as it might have been made, had another Order been commenced with. That it is without errors, where so many works have been referred to and quoted from, cannot be expected, but every pains has been taken to avoid mistakes and render the quotations correct ; and the well-known accuracy of the printers, Messrs. Taylor and Francis, who have taken great interest in every part of the work, has rendered this much more easy.

In conclusion, let us return our acknowledgments to the officers of every public Museum, as well as the proprietors of private collections, for their assistance and advice whenever they have been requested. In the British Museum every specimen has been separately examined in company with Mr. George Robert Gray, and much advantage has been gained by collating our nomenclature and synonymy with that of the Museum lists.

Jardine Hall,

1st September, 1855.



*List of Works quoted from in the first volume of  
the Ornithological Synonymy, with their Abbreviations.*

- Abhandl. Privatges. Böhm.**—Abhandlungen einer Privatgesellschaft in Böhmen, zur Aufnahme der Naturgeschichte, &c. &c., von I. E. v. Born. 8vo. Prag. 1775–1784.
- Abh. Ak. Berl.**—Abhandlungen der physikalischen Klasse der Königlich-Preussischen Akademie der Wissenschaften. 4to. Berlin, 1815–1832. (*Fortsetz.*) Physikalische Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin. 4to. Berlin, 1832–1846.
- Abh. Geb. Naturwiss.**—Abhandlungen aus dem Gebiete der Naturwissenschaften herausgegeben von dem naturwissenschaftlichen Verein in Hamburg. Hamburg, 1852.
- Aikin, Zool. Journ.**—(*Aikin, W. O.*) Zoological Journal.
- Alb. B.**—(*Albin, E.*) A Natural History of Birds. 4to. London, 1738, 1740.
- Ann. Lyc. N. York.**—Annals of the Lyceum of Natural History of New York. 8vo. New York, 1824.
- Ann. Mus. Hist. Nat.**—Annales du Muséum National d'Histoire Naturelle. 4to. Paris, 1802–1813.
- Ann. Nat. Hist.**—Annals of Natural History, and Magazine of Zoology, Botany and Geology. 8vo. London, 1838–1855.
- Ann. Phil.**—Annals of Philosophy, &c., by T. Thomson. 8vo. London, 1813–1826.
- Ann. Sc. Nat.**—Annales des Sciences Naturelles. 8vo. Paris, 1824–1834.
- Ann. Wetterau.**—Annalen der Wetterauischen Gesellschaft für die gesammte Naturkunde. 4to. Frankfurt, 1809–1814.
- As. Res.**—Asiatic Researches, or Transactions of the Society instituted in Bengal, &c. 4to. Calcutta, 1788.

- Asso, Zool. Arag.** — (*Asso, I. de*) Introductio in Oryctographiam et Zoologiam Aragoniæ. 8vo. Madrid, 1784.
- Att. Scienz. Ital.** — Atti Riunione degli Scienziati Italiani. 4to. Pisa, 1840–1844.
- Audouin, Desc. Egypt.** — (*Audouin, J. P.*) Explication sommaire des Planches du grand ouvrage d’Egypte.
- Audub. B. Am.** — (*Audubon, J. J.*) Birds of America. fol. London, 1831.
- **Orn. Biog.** — (*Audubon, J. J.*) Ornithological Biography: an account of the habits of the Birds of the United States of America, accompanied by Descriptions of the objects represented in the “*Birds of America*.” R. 8vo. Edinburgh, 1831.
- **Edinb. Journ. Nat. Geogr. Sc.** — (*Audubon, J. J.*) Edinburgh Journal of Natural and Geographical Science.
- **Synop. B. Am.** — (*Audubon, J. J.*) Synopsis of the Birds of North America. 8vo. Edinb. 1839.
- **Edinb. New Phil. Journ.** — (*Audubon, J. J.*) Edinburgh New Philosophical Journal.
- Austin, Ann. Nat. Hist.** — (*Austin, T.*) Annals of Natural History.
- Azar. Pax. Par.** — (*Azara, F. de*) Apuntamientos para la Historia natural de los Paxaros del Paraguay. 8vo. Madrid, 1802.
- **Voy. en Amér.** — (*Azara, F. de*) Voyage dans l’Amérique méridionale de 1781 à 1801. 8vo. Berlin, 1810.
- Baik. & Hedd. Nat. Hist. Orcad.** — (*Baikie, W. B. & Heddle, R.*) Historia naturalis Orcadensis. 8vo. Edinburgh, 1848.
- Baillon, Mém. Soc. Em. Abbeville.** — (*Baillon, L. A. J.*) See “Mémoires de la Société Royale d’Emulation d’Abbeville.”
- Bailly, Orn. Sav.** — (*Bailly, J. B.*) Ornithologie de la Savoie, ou Histoire des Oiseaux qui vivent en Savoie, &c. 8vo. Paris, 1853.
- Baldenst. Denkschr. Schweiz. Gesellsch.** — (*Baldenstein, H. v.*) See “Denkschriften der allgemeinen Schweizerischen Gesellschaft.”
- Bancroft, Hist. Guian.** — (*Bancroft, E.*) Natural History of Guyana in South America. 8vo. London, 1794.
- Barbier. Rev. Zool.** — (*Barbieri, L.*) Revue Zoologique.
- Barthel. Att. Scienz. Ital.** — (*Barthélemy,* ) Atti della Scienziati Italiani.
- Bartr. Trav. Carol.** — (*Bartram, W.*) Travels through N. and S. Carolina, Georgia, East and West Florida, &c. 8vo. London, 1792.
- Bechst. Naturg. Deutschl.** — (*Beckstein, J. M.*) Gemeinnützige Naturgeschichte Deutschlands. 12mo. Leipzig, 1791.
- **Taschenb. Deutschl.** — (*Beckstein, J. M.*) Ornithologisches Taschenbuch von und für Deutschland. 8vo. Leipzig, 1803.

- Bechst. Vög. Deutschl. — (*Bechstein, J. M.*) Naturgeschichte der Vögel Deutschlands.
- Begb. Journ. Mal. Penins. — (*Begbie, P. J.*) The Malayan Peninsula, &c. 8vo. Vepery Mission Press, 1834.
- Bellam. Nat. Hist. S. Devon. — (*Bellamy, J. C.*) The Natural History of South Devon. 8vo. Plymouth, 1839.
- Belon, Hist. Nat. — (*Belon, P.*) Histoire naturelle des Oiseaux. fol. Paris, 1855.
- Benick. Isis. — (*Benicken,* ) Isis, 1824.
- Benn. Gard. Zool. Soc. — (*Bennett, E. T.*) The Gardens and Menagerie of the Zoological Society. 2 vols. Birds. 8vo. London, 1831.
- Proc. Comm. Zool. Soc. — (*Bennett, E. T.*) Proceedings of the Committee of the Zoological Society.
- Benoit, Orn. Sicil. — (*Benoit, L.*) Ornitologia Siciliana. 8vo. Messina, 1840.
- Berkenh. Synop. — (*Berkenhout, J.*) Synopsis of the Natural History of Great Britain and Ireland. 8vo. London, 1789.
- Beseke, Vög. Kurl. — (*Beseke, J. M. G.*) Beytrag zur Naturgeschichte der Vögel Kurlands. 12mo. Berlin, 1792.
- Bew. Brit. B. — (*Bewick, T.*) History of British Birds. 8vo. Newcastle, Eds. 1797, 1826.
- Blackwall, Res. Zool. — (*Blackwall, J.*) Researches in Zoology. London, 1840.
- Blumenb. Abbild. Naturh. Gegenst. — (*Blumenbach, J. F.*) Abbildungen naturhistorischer Gegenstände. Göttingen, 1796–1810.
- Blyth, Plan Ind. Orn. — (*Blyth, E.*) Plan of an Indian Ornithology. 8vo. Calcutta, 1848. (Journal of the Asiatic Society of Bengal.)
- Ann. Nat. Hist. — (*Blyth, E.*) Annals of Natural History.
- Journ. As. Soc. Beng. — (*Blyth, E.*) Journal of the Asiatic Society of Bengal.
- Madr. Journ. — (*Blyth, E.*) Madras Journal.
- Cat. B. Mus. As. Soc. Calcut. — (*Blyth, E.*) Catalogue of the Birds in the Museum of the Asiatic Society of Calcutta.
- Bodd. Tab. Pl. Enl. — (*Boddaert, M.*) Tableau des Planches Enluminées d'Histoire naturelle de M. Daubenton, avec les dénominations de MM. de Buffon, &c. Utrecht, 1783.
- Boié, Isis. — (*Boié, F.*) Isis, 1822, &c.
- Bolle, Bemerk. Vög. Canar. Ins. Cab. Journ. Orn. — (*Bolle, C.*) Bemerkungen über die Vögel der Canarischen Inseln. "*Canariensis, Journal für Ornithologie.*"
- Bonap. Eur. & N. Am. B. — (*Bonaparte, C. L.*) List of the Birds of Europe and North America. 8vo. London, 1838.
- Am. Orn. — (*Bonaparte, C. L.*) American Ornithology of Birds



- inhabiting the United States not given by Wilson. 4to. Philadelphia, 1825.
- Bonap. Cat. Ucc. Eur.**—(*Bonaparte, C. L.*) Catalogo metodico degli Uccelli Europei. 8vo. Bologna, 1842.
- **Consp. Av.**—(*Bonaparte, C. L.*) Conspectus Generum Avium. 8vo. Leyden, 1850.
- **Oss. Cuv. Règ. An.**—(*Bonaparte, C. L.*) Osservazioni sulla 2<sup>a</sup> edizione del Regno Animale del Barone Cuvier. 8vo. Bologna, 1830.
- **Rev. Zool.**—(*Bonaparte, C. L.*) Revue Zoologique.
- **Obs. Wils. Nom. Journ. Ac. Sc. N. York.**—(*Bonaparte, C. L.*) Observations on the Nomenclature of Wilson's Ornithology, printed in the Journal of the Academy of Sciences of New York.
- **Nuov. Giorn. Pisa.**—(*Bonaparte, C. L.*) Nuovo Giornale de Letterati a Pisa.
- **Ann. Lyc. N. York.**—(*Bonaparte, C. L.*) Annals of the Lyceum of New York.
- **Proc. Zool. Soc.**—(*Bonaparte, C. L.*) Proceedings of the Zoological Society.
- **Isis.**—(*Bonaparte, C. L.*) Isis, 1832, &c.
- Bonell. Mém. Ac. Turin.**—(*Bonelli, F. A.*) Mémoires de l'Académie de Turin.
- Bonnat. Enc. Méth.**—(*Bonnaterre, l'Abbé*) Tableau Encyclopédique et Méthodique des trois Règnes de la Nature. 4to. Paris, 1788–1790.
- Borkh. Teutsche Orn.**—(*Borkhausen, Lichthammer und Bekker dem jungen*) Teutsche Ornithologie oder Naturgeschichte aller Vögel Deutschlands. Darmstadt, 1800–1817.
- B. St. Vinc. Exp. Sc. Moréa.**—(*Bory de Saint Vincent*) Expédition Scientifique en Morée. Paris, 1832, 1835.
- Brandenb. Faun. March.**—(*Brandenburg, M.*) Fauna Marchica. Ein Handbuch bearbeitet von J. H. Schulz. 8vo. Berlin, 1845.
- Brandt, Ann. Nat. Hist.**—(*Brandt*) Annals of Natural History.
- Brehm, Vög. Deutschl.**—(*Brehm, C. L.*) Handbuch der Naturgeschichte aller Vögel Deutschlands. 8vo. Ilmenau, 1831.
- **Isis.**—(*Brehm, C. L.*) Isis.
- **Naumann.**—(*Brehm, C. L.*) Naumannia.
- Breschet, Ann. Sc. Nat.**—(*Breschet, G.*) Annales des Sciences Naturelles.
- Brew. (Wils.) Am. Orn. Synop.**—(*Brewer, T. M.*) Wilson's American Ornithology, to which is added a Synopsis of American Birds. 8vo. New York, 1852.
- Brewst. Ed. Journ. Sc.**—(*Brewster, D.*) Edinburgh Journal of Science. Ser. 1. 8vo. Edinburgh, 1824–1832.



- Bridg. Proc. Zool. Soc.**—(*Bridges, T.*) Proceedings of the Zoological Society.
- **Ann. Nat. Hist.**—(*Bridges, T.*) Annals of Natural History.
- Briss. Orn.**—(*Brisson, M. J.*) Ornithologia, sive Synopsis methodica, sistens Avium divisionem in Ordines, Genera, Species, &c. 4to. Paris, 1760. 8vo. Leyden, 1763.
- Brown, Ill. Zool.**—(*Brown, P.*) New Illustrations of Zoology. 4to. London, 1776.
- Browne, Trav. Af.**—(*Browne, W. G.*) Travels in Africa, Egypt, and Syria. 4to. London, 1799.
- Bruce, Trav. Abyss.**—(*Bruce, J.*) Travels to discover the Sources of the Nile in the years 1768, 1772. 4to. Edinburgh, 1790. French edition. Paris, 1790.
- Bruch, Isis.**—(*Bruch,* ) Isis, 1831, &c.
- Brünn. Orn. Bor.**—(*Brünnich, M. T.*) Ornithologia borealis, sistens Collectionem Avium ex omnibus Imperio Danico subjectis, &c. 8vo. Hafniæ, 1764.
- Buff. Pl. Enl.**—(*Buffon, G. L. L. de*) Planches Enluminées. fol. Paris.
- **Ois. ed. Sonn.**—(*Buffon, G. L. L. de*) Histoire naturelle des Oiseaux par Sonnini. 8vo. Paris, 1806.
- Bull. Ac. Brux.**—Bulletin des Séances de l'Académie Royale des Sciences et Belles Lettres de Bruxelles. 8vo. Brux. 1833–1846.
- **Sc. Ac. Petersb.**—Bulletin Scientifique publié par l'Académie Impériale des Sciences de St. Pétersbourg. 4to. Petersburg, 1836–1842.
- **Soc. Philom.**—Bulletin des Sciences par la Société Philomatique de Paris. 4to. Paris, 1791–1824.
- Burch. Trav. Af.**—(*Burchell, W. J.*) Travels in the Interior of Southern Africa, in 1811–1815. 4to. London, 1822–24.
- Burt. Proc. Zool. Soc.**—(*Burton, E.*) Proceedings of the Zoological Society.
- Cab. Journ. Orn.**—(*Cabanis, J., Dr.*) Journal für Ornithologie. 8vo. Cassel, 1853–1854.
- Cass. B. Calif. & Tex.**—(*Cassin, J.*) Illustrations of the Birds of California, Texas, Oregon, British and Russian America. 8vo. Philadelphia, 1854.
- **Proc. Ac. Sc. Philad.**—(*Cassin, J.*) Proceedings of the Academy of Sciences of Philadelphia.
- Cat. Mus. E.I.C.**—Catalogue of the Birds in the Museum of the Honourable East India Company. 8vo. London, 1854.
- Catesb. Carol.**—(*Catesby, M.*) The Natural History of Carolina, Florida, and the Bahama Islands. fol. London, 1754.

- Cetti, Sard. — (*Cetti, F.*) Gli Uccelli di Sardegna. 8vo. Sassari, 1776.
- Collins, N. S. Wales. — (*Collins, D.*) An Account of the English Colony of New South Wales. 4to. London, 1804.
- Couch, Faun. Cornw. — (*Couch, J.*) A Cornish Fauna, being a Compendium of the Natural History of the County. 8vo. Truro, 1838.
- Cretzsch. (Rüpp.) Atl. Reis. nörd Af. — (*Cretzschmar, P. J.*) Rüppell's Atlas zu der Reise im nördlichen Afrika. fol. 1826.
- Cuv. Règ. An. — (*Cuvier, Le Baron*) Le Règne Animal distribué d'après son organisation. 8vo. ed. 1. 1817; ed. 2. 1829, Paris.
- Lec. Anat. Comp. — (*Cuvier, Le Baron*) Leçons d'Anatomie Comparée. 8vo. Paris, 1805.
- Règ. An. ed. Griff. — (*Cuvier, Le Baron*) "Règne Animal," with additional descriptions, &c., by E. Griffith. 8vo. London, 1827-1835.
- Darw. Journ. Res. — (*Darwin, C.*) Journal of Researches into the Geology and Natural History of the Countries visited by the "Beagle." 8vo. London, 1839.
- Zool. Beag. — (*Darwin, C.*) Zoology of the Voyage of H.M.S. "Beagle." Part 3. Birds. 4to. London, 1838-1841.
- Daud. Tr. Orn. — (*Daudin, F. M.*) Traité élémentaire et complet d'Ornithologie, ou Histoire Naturelle des Oiseaux. 4to. Paris, 1800.
- Degl. Orn. Eur. — (*Degland, C. D.*) Ornithologie Européenne. 8vo. 1849.
- Mém. Soc. Sc. Lille. — (*Degland, C. D.*) Mémoires de la Société Royale des Sciences à Lille.
- De Kay, Zool. N. York. — (*Kay, J. E.*) Zoology of New York, or the New York Fauna, comprising detailed descriptions of all the animals hitherto observed within the State of New York. Part 2. Birds. 4to. Albany, 1844.
- Denh. Trav. Af. — (*Denham, D. & Clapperton, H.*) Narrative of Travels and Discoveries in Northern and Central Africa. 4to. London, 1826.
- Denkschr. Ak. Münch. — Denkschriften der Königlichen Akademie der Wissenschaften zu München. 4to. München, 1809-1825.
- Schweiz. Gesellsch. — Denkschriften der allgemeinen Schweizerischen Gesellschaft für die gesammten Naturwissenschaften. 4to. Zürich, 1829.
- Desfont. Mém. Ac. Sc. — (*Desfontaines, R. L.*) Mémoires de l'Académie Royale des Sciences.

- Des Murs, Iconog. Orn.**—(*Des Murs, O.*) Iconographie Ornithologique. fol. Paris, 1849.
- **&c. (Lefeb. & Dill.) Voy. Abyssin.**—(*Des Murs, O.*) (*Lefebvre, T. & Dillon, Q.*) Voyage en Abyssinie, par une Commission Scientifique composée de M. Lefebvre, Lieutenant de Vaisseau, A. Petit, et Quartin Dillon, Naturalistes du Muséum. Zoologie, par O. Des Murs. 8vo. Paris.
- Dicks. Proc. Zool. Soc.**—(*Dickson,* ) Proceedings of the Zoological Society.
- Dieff. New Zeal.**—(*Dieffenbach, E.*) Travels in New Zealand. 8vo. London, 1843.
- Dillon, Trav. Spain.** — (*Dillon, T.*) Travels through Spain. 4to. London, 1780. 8vo. Leipzig, 1782.
- Dillw. Faun. Swans.**—(*Dillwyn, L. W.*) Materials for a Fauna and Flora of Swansea and the neighbourhood. 8vo. Swansea, 1848.
- Don. Nat. Rep.**—(*Donovan, E.*) Natural Repository of exotic Natural History. 8vo. London, 1822–1826.
- Donnd. Orn. Beyträg.**—(*Donndorff, J. A.*) Ornithologische Beyträge zur XIII. Ausgabe des Linneischen Natursystems. 8vo. Leipzig, 1794.
- Drapiez, Dict. Class. Hist. Nat.**—(*Drapiez,* ) Dictionnaire Classique d'Histoire Naturelle. 8vo. Paris, 1834.
- Drumm. Ann. Nat. Hist.**—(*Drummond, H. M.*) Annals of Natural History.
- Dubois, Orn. Gal.**—(*Dubois, C. F.*) Ornithologische Gallerie, oder Abbildungen aller bekannten Vögel. 4to. 1839.
- Du Bus, Bull. Ac. Brux.**—(*Du Bus, B.*) Bulletin des Séances de l'Académie Royale des Sciences de Bruxelles.
- **Esq. Orn.**—(*Du Bus, B.*) Esquisses Ornithologiques : descriptions d'Oiseaux nouveaux. 4to. Leipzig.
- Dum. Zool. Anal.** — (*Duméril, A. M. C.*) Zoologie Analytique, ou Méthode naturelle de Classification des Animaux. 8vo. Paris, 1806.
- Dumont, Dict. Scien., Art. Caracará.**—(*Dumont, C. H. F.*) Dictionnaire des Sciences Naturelles, "Article Caracará."
- Dunn, Ork. & Shet.**—(*Dunn, R.*) The Ornithologist's Guide to the Islands of Orkney and Shetland. 8vo. London, 1837.
- Dupr. Hist. Louis.**—(*Dupratz, L.*) Histoire de la Louisiane. 8vo. Paris, 1758.
- Edinb. Journ. Nat. & Geog. Sc.**—Edinburgh Journal of Natural and Geographical Science, by Ainsworth and Cheek. 8vo. Edinburgh, 1829–1831.
- Edinb. Phil. Journ.**—Edinburgh Philosophical Journal. 8vo. Edinburgh, 1819–1826.

- Edinb. New Phil. Journ.**—Edinburgh New Philosophical Journal. 8vo. Edinburgh, 1826–1855.
- Edw. B.**—(*Edwards, G.*) Natural History of uncommon Birds. 4to. London, 1743–1751.
- **Glean. Nat. Hist.**—(*Edwards, G.*) Gleanings of Natural History. 4to. London, 1758–1764.
- Elliot, Madr. Journ.**—(*Elliot, W.*) Madras Journal.
- Erm. Reis.**—(*Erman, A.*) Reise um die Erde durch Nord-Asien und die beiden Oceane. 8vo. mit fol. Naturhistorischen Atlas. Berlin, 1835.
- Eversm. Add. Zoog. Ross. As.**—(*Erersmann, E.*) Addenda ad celeberrimi Pallasii Zoographiam Rosso-Asiaticam. 8vo. Kasani, 1842.
- Eydoux, Voy. Bon. Ois.**—(*Eydoux, F.*) Voyage autour du monde dans *La Bonite*: Oiseaux. Paris, 1839.
- Eyt. R. Brit. B.**—(*Eyton, T. C.*) History of the rarer species of British Birds. 8vo. London, 1836.
- Expl. Sc. Algér. Ois.**—Exploration Scientifique de l'Algérie pendant les Années 1840, 1841, 1842: Oiseaux. Paris, 1844.
- Faber, Prod. Island. Orn.**—(*Faber, F.*) Prodomus der Isländischen Ornithologie, oder Geschichte der Vögel Islands. 8vo. Copenhagen, 1822.
- Fabr. Faun. Græn.**—(*Fabricius, O.*) Fauna Grœnlandica, systematicè sistens Animalia Grœnlandiæ occidentalis hactenus indagata. 8vo. Hafniæ et Lipsiæ, 1780.
- Fern. Hist. Nov. Hisp.**—(*Fernandez, F.*) Historia Animalium et Mineralium Novæ Hispaniæ. 4to. Rome, 1651.
- Féruss. Bull. Sc. Nat.**—(*Férussac, M. de*) Bulletin Universel des Sciences et de l'Industrie. 8vo. Paris, 1824–1831.
- Feuillée, Journ. Obs. Phys.**—(*Feuillée, L.*) Journal des Observations sur la Physique.
- Fleischer, Fischer Jahrgang.**—(*Fleischer, E.*) Fischer's Jahrgang, 1818.
- Flem. Brit. An.**—(*Fleming, J.*) A History of British Animals, exhibiting the descriptive characters and systematical arrangement of Genera and Species of Quadrupeds, Birds, &c. &c. 8vo. Edinb. 1828.
- **Phil. Zool.**—(*Fleming, J.*) The Philosophy of Zoology. 8vo. Edinburgh, 1822.
- Forsk. Faun. Arab.**—(*Forskål, P.*) Descriptiones Animalium, Avium, Amphibiorum, Piscium, Insectorum, Vermium, quæ in itinere orientali observavit Petrus Forskål. 4to. Hafn. 1775.
- Forst. Faun. Ind.**—(*Forster, J. R.*) Faunula Indica. Halæ, 1795.
- **Icon. Ined.**—(*Forster, J. R.*) Icones Ineditæ.
- **Phil. Trans.**—(*Forster, J. R.*) Philosophical Transactions.

- Fox, Synop. Newcast. Mus.** — (*Fox, G. T.*) Synopsis of the Newcastle Museum. 8vo. Newcastle, 1827.
- Frankl. Proc. Comm. Zool. Soc.** — (*Franklin, J.*) Proceedings of the Committee of the Zoological Society.
- Fraser, Zool. Typ.** — (*Fraser, L.*) Zoologia Typica. fol. London, 1848.
- Frisch, Vög. Deutschl.** — (*Frisch, J. L.*) Vorstellung der Vögel Deutschlands, und beiläufig auch einiger fremden, nach ihren Eigenschaften beschrieben. fol. Berlin, 1739–1763.
- Gamb. Journ. Ac. Nat. Sc. Philad.** — (*Gambel, W.*) Journal of the Academy of Natural Sciences of Philadelphia.
- Garn. Nat. Hist. Staff.** — (*Garner, R.*) The Natural History of the County of Stafford, &c. 8vo. London, 1844.
- Garn. Voy. Coq.** — (*Garnot, P.*) Remarques sur la Zoologie des îles Malouines, faites pendant le Voyage autour du monde de la corvette *La Coquille*.
- **Ann. Sc. Nat.** — (*Garnot, P.*) Annales des Sciences Naturelles.
- Gebler, Bull. Sc. Ac. Petersb.** — (*Gebler, F.*) Bulletin Scientifique de l'Académie des Sciences de St. Pétersbourg.
- Géné, Mém. Ac. Roy. Sc. Turin.** — (*Géné, G.*) Mémoires de l'Académie Royale des Sciences de Turin.
- Geoff. Bull. Soc. Philom.** — (*Geoffroy, St. H.*) Bulletin des Sciences par la Société Philomatique.
- **Mag. Zool.** — (*Geoffroy, St. H.*) Magasin de Zoologie.
- **Nouv. Ann. Mus. Hist. Nat.** — (*Geoffroy, St. H.*) Nouvelles Annales du Muséum d'Histoire Naturelle.
- Gérard. Tab. Elem. Orn.** — (*Gérardin, M. de*) Tableau élémentaire d'Ornithologie. 8vo. Paris, 1803–1822.
- Giraud, B. Long Isld.** — (*Giraud, J. P.*) Birds of Long Island. 8vo. New York, 1844.
- Gmel. Syst. Nat.** — (*Gmelin, J. F.*) Systema Naturæ per Regna tria Naturæ, secundum Classes, Ordines, Genera, Species, cum characteribus, differentiis, synonymis, locis. 8vo. Leyden, 1789.
- Gmel. Itin. Sib.** — (*Gmelin, J. G.*) Reise durch Siberien von 1733–1743. 8vo. Gött. 1751, 1752.
- **Nov. Com. Petrop.** — (*Gmelin, J. G.*) Novæ Commentarii Academiæ Scientiarum Petropolitanæ, &c.
- Gosse, B. Jam.** — (*Gosse, P. H.*) Birds of Jamaica. 8vo. London, 1847.
- **Ill. B. Jam.** — (*Gosse, P. H.*) Illustrations of the Birds of Jamaica. R. 8vo. London, 1849.
- Gould, B. Aust.** — (*Gould, J.*) The Birds of Australia. fol. London, 1837–1848.



- Gould, Synop. B. Aust.—(*Gould, J.*) Synopsis of the Birds of Australia. 8vo. London, 1837.
- Intr. B. Aust.—(*Gould, J.*) Introduction to the Birds of Australia. 8vo. London, 1848.
- B. Eur.—(*Gould, J.*) Birds of Europe. fol. London, 1837.
- B. Him.—(*Gould, J.*) A Century of Birds from the Himalaya Mountains. fol. London, 1832.
- Icon. Av.—(*Gould, J.*) Icones Avium. fol. London, 1837.
- Proc. Zool. Soc.—(*Gould, J.*) "Proceedings of the Zoological Society."
- Grant, New S. Wales.—(*Grant, J.*) Narrative of a Voyage of Discovery to New South Wales. 4to. London, 1803.
- Gravenhorst, Isis.—(*Gravenhorst, J. L. C.*) Isis, 1832, &c.
- Gray, Gen. B.—(*Gray, G. R.*) List of the Genera of Birds. 1st ed. 8vo. London, 1840; 2nd ed. 1841; App. 1842.
- Gen. B. fol.—(*Gray, G. R.*) Genera of Birds, comprising their generic characters, illustrated by D. Mitchell. fol. London, 1844–1849.
- List B. Brit. Mus.—(*Gray, G. R.*) List of the Specimens of Birds in the British Museum. 12mo. London, 1844; 2nd ed. 1848.
- Gen. & Subgen. Brit. Mus.—(*Gray, G. R.*) List of Genera and Subgenera of Birds in the British Museum. 12mo. London, 1855.
- Zool. Ereb.—(*Gray, G. R.*) Zoology of the Voyage of H.M.S. Erebus and Terror, under the command of Sir J. Clark Ross. Birds. 4to. London, 1844, 1845.
- Gray, Zool. Misc.—(*Gray, J. E.*) The Zoological Miscellany. 8vo. London, 1831.
- Proc. Zool. Soc.—(*Gray, J. E. & G. R.*) Proceedings of the Zoological Society.
- Dieff. New Zeal.—(*Gray, J. E.*) Appendix to Dieffenbach's Travels in New Zealand.
- Green, Sillim. Am. Journ.—(*Green, J.*) Silliman's American Journal.
- Grey, Journ. Aust.—(*Grey, G.*) Journals of two Expeditions of Discovery in North-west and Western Australia in 1837, 38, 39. 8vo. London, 1841.
- Hahn, Vög. As.—(*Hahn, C. W.*) Vögel aus Asien, Africa, America, und Neuholland, in Abbildungen nach der Natur, mit Beschreibungen. 4to. Nürnberg, 1818.
- Hancock, Ann. Nat. Hist.—(*Hancock, A.*) Annals of Natural History.
- Rev. Zool.—(*Hancock, A.*) Revue Zoologique.
- Hardw. Ind. Zool.—(*Hardwicke, T.*) Illustrations of Indian Zoology, chiefly selected from the collection of Major General Hardwicke, by J. E. Gray. fol. London, 1830–1832.

- Hardy, Rev. Zool.—(*Hardy, J.*) Revue Zoologique.
- Hartl. Syst. Ind. Azar.—(*Hartlaub, G.*) Systematischer Index zu Don Felix de Azara's Apuntamientos para la Historia Natural de los Pajaros, &c. 4to. Bremen, 1847.
- Burmeist. Zeit. f. Zool. — (*Hartlaub, G. & Burmeister, H.*) Zoologische Zeitung. Halle, 1847, 1848.
- Verz. W. Af. Vög.—(*Hartlaub, G.*) Beitrag zur Ornithologie Westafrika's, in Abhand. Geb. Naturwiss.
- Abhand. Geb. Naturwiss.—(*Hartlaub, G.*) Abhandlungen aus dem Gebiete der Naturwissenschaften. 4to. Hamburg, 1852.
- Cab. Journ. Orn.—(*Hartlaub, G.*) Cabanis' Journal für Ornithologie.
- Rev. Zool.—(*Hartlaub, G.*) Revue Zoologique.
- Naumann.—(*Hartlaub, G.*) Naumannia.
- Hodgs. Calc. Journ. Nat. Hist.—(*Hodgson, B. H.*) Calcutta Journal of Natural History.
- Gray, Zool. Misc.—(*Hodgson, B. H.*) Gray's Zoological Miscellany.
- Journ. As. Soc. Beng.—(*Hodgson, B. H.*) Journal of the Asiatic Society of Bengal.
- Beng. Sport. Mag.—(*Hodgson, B. H.*) Bengal Sporting Magazine.
- Cat. Nep. B.—(*Hodgson, B. H.*) Catalogue of Nepaul Birds.
- V. d. Hoev. Handb. Dierk.—(*Hoeven, J. Van der*) Handbuch der Dierkunde. 8vo. Amsterdam, 1855.
- Homb. Voy. Pole Sud. — (*Hombron & Jacquinot*) Voyage au Pole Sud et dans l'Océanie sur les Corvettes l'Astrolabe et la Zélée, pendant les années 1837, 38, 39, 40. 8vo. Paris, 1853.
- Ann. Sc. Nat.—(*Hombron, M.*) Annales des Sciences Naturelles.
- Home, Phil. Trans.—(*Home, E.*) Philosophical Transactions.
- Horsf. Zool. Res.—(*Horsfield, T.*) Zoological Researches in Java and the neighbouring Islands. 4to. London, 1824.
- Zool. Res. Java, Gen. Cat.—(*Horsfield, T.*) General Catalogue of Javanese Birds, at commencement of *Zoological Researches in Java*.
- Linn. Trans.—(*Horsfield, T.*) Linnæan Transactions.
- Hoy, Proc. Ac. Sc. Philad.—(*Hoy, J. D.*) Proceedings of the Academy of Sciences of Philadelphia.
- Humb. Rec. d'Ob. Zool.—(*Humboldt, A.*) Recueil d'Observations de Zoologie et d'Anatomie Comparée. 4to. Paris, 1805–1832.
- Hurdis.—(*Hurdis, J.*) Jardine's Contributions to Ornithology, 1850.
- Hutt. Journ. As. Soc. Beng.—(*Hutton, T.*) Journal of the Asiatic Society of Bengal.

- Ill. Prod. Mam. Av.**—(*Illiger, C.*) Prodrömus Systematis Mammalium et Avium. 8vo. Berlin, 1811.
- **Mus. Berl.**—(*Illiger, C.*) Berlin Museum.
- Instit.**—L'Institut. Journal Universel des Sciences et des Sociétés Savans en France et à l'Etranger. 1833–1855.
- Int. Obs. Phys.**—Introduction aux Observations sur la Physique, sur l'Histoire Naturelle et sur les Arts, par M. l'Abbé Rozier. 4to. Paris, 1777.
- Isis.**—(*Oken, L.*) Isis, oder Encyclopädische Zeitung. 4to. Jena, 1817.
- Jacq. Beyträg.**—(*Jacquin, J. F. v.*) Beyträge zur Geschichte der Vögel. 4to. Wien, 1784.
- James. (Wils.) Am. Orn.**—(*Jameson, R.*) Edition of Wilson and Bonaparte's American Ornithology. 12mo. Edinburgh, 1831.
- Jard. & Selby, Ill. Orn.**—(*Jardine, W. & Selby, P. J.*) Illustrations of Ornithology. fol. Edinburgh, 1826–1843.
- **Mag. Zool. & Bot.**—(*Jardine, W., Selby, P. J. & Johnston, G.*) Magazine of Zoology and Botany. 8vo. Edinburgh, 1836–1837.
- (**Wils.) Am. Orn.**—(*Jardine, W.*) Edition of Wilson's American Ornithology. 8vo. London, 1832.
- **Brit. B.**—(*Jardine, W.*) Natural History of British Birds. 12mo. Edinburgh, 1839.
- **Cont. Orn.**—(*Jardine, W.*) Contributions to Ornithology. 8vo. Edinburgh and London, 1848–1853.
- Jaub. Mots Orn. Eur.**—(*Jaubert, J. B.*) Quelques Mots sur l'Ornithologie Européenne de M. le Docteur Degland, et sur une critique de M. Bonaparte, précédés d'un Essai sur la définition des espèces et des races. 8vo. Marseilles, 1851.
- Jenyns, Man. Brit.**—(*Jenyns, L.*) A Manual of British Vertebrate Animals, or Descriptions of all the Animals belonging to the classes Mammalia, Aves, &c. 8vo. Cambridge, 1835.
- Jerd. Ill. Ind. Orn.**—(*Jerdon, T. C.*) Illustrations of Indian Ornithology. 8vo. Madras, 1843.
- **Madr. Journ.**—(*Jerdon, T. C.*) Madras Journal.
- Journ. Ac. Nat. Sc. Philad.**—Journal of the Academy of Natural Sciences of Philadelphia. 8vo. Philadelphia, 1817.
- Journ. As. Soc. Beng.**—Journal of the Asiatic Society of Bengal. 8vo. Calcutta, 1832.
- Journ. Obs. Phys.**—Journal des Observations sur la Physique, sur l'Histoire Naturelle et sur les Arts; rédigées par l'Abbé Rozier, J. A. Mongez et Jean de la Métherie. 4to. Paris, 1784, 1793.
- Journ. Phys.**—Journal de Physique, de Chimie, et d'Histoire Naturelle, par J. de la Métherie. 4to. Paris, 1794–1823.



- Journ. Roy. Inst.**—Journal of the Royal Institution of Great Britain. 8vo. London, 1831.
- Kaluz. Orn. Siles.**—(*Kaluza, A.*) Ornithologia Silesiaca. 12mo. Breslau.
- Kaup, Class. Säug. u. Vög.**—(*Kaup, T. T.*) Classification der Säugethiere und Vögel. 8vo. Darmstadt, 1844.
- **Thierr.**—(*Kaup, T. T.*) Das Thierreich. Naturgeschichte der Vögel. 8vo. Darmstadt, 1836.
- **Ueb. Falk. Mus. Senck.**—(*Kaup, T. T.*) Ueber Falken: Museum Senckenbergianum. 4to. Frankfort, 1845.
- **Monog. Falk. Cont. Orn.**—(*Kaup, T. T.*) Monograph of the Falconidæ, in Contributions to Ornithology. 1850.
- **Monog. Strig. Cont. Orn.**—(*Kaup, T. T.*) Monograph of the Strigidæ, in Contributions to Ornithology. 1852.
- Kelaart, Prod. Faun. Zeyl.**—(*Kelaart, E. T.*) Prodromus Faunæ Zeylanicæ, being Contributions to the Zoology of Ceylon. 8vo. Ceylon, 1852.
- Kerr, Trans. Gmel.**—(*Kerr, R.*) Translation of the Systema Naturæ of Gmelin. 4to. London, 1792.
- Keyserl. u. Blas. Wirbelth. Eur.**—(*Keyserling, A. J. & Blasius, J. H.*) Die Wirbelthiere Europas. 8vo. Braunschweig, 1840.
- King, Surv. Aust.**—(*King, P. P.*) Narrative of a Survey of the Intertropical and Western Coasts of Australia. 8vo. London, 1827.
- **Voy. Beag**—(*King, P. P. & Fitzroy, R.*) Narrative of the Surveying Voyages of H.M.S. Adventure and Beagle. 8vo. London, 1839.
- **Zool. Journ.**—(*King, P. P.*) Zoological Journal.
- Kittl. Kupf. Vög.**—(*Kittlitz, F. H. v.*) Kupfertafeln zur Naturgeschichte der Vögel. 8vo. Frankfort, 1832–33.
- Klein, Av. Prod.**—(*Klein, J. T.*) Historiæ Avium Prodromus, cum præfatione de ordine animalium in genere. 4to. Lubeck, 1750.
- Knox, Orn. Suss. (Ramb.)**—(*Knox, A. E.*) Ornithological Rambles in Sussex, with a Systematic Catalogue of the Birds of that County. 8vo. London, 1849.
- Koch, Baier. Zool.**—(*Koch, C. L.*) System der Baierischen Zoologie. Nürnberg, 1816.
- Kram. Elench.**—(*Kramer, G. H.*) Elenchus Vegetabilium et Animalium per Austriam inferiorem observatorum. 8vo. Vienna, 1756.
- Kuhl, Beiträg. Zool.**—(*Kuhl, H.*) Beiträge zur Zoologie, etc. 4to. Frankfurt am Main, 1820.
- **Nom. Syst.**—(*Kuhl, H.*) Buffoni et Daubentoni figurarum Avium coloratarum Nomina systematica, collegit Henricus

- Kuhl. Edidit præfatione et indicibus auxit Theodosius von Swinderen. 4to. Groningen, 1820.
- Lacép. Ménag. Mus. Hist. Nat.—(*Lacépède et Cuvier*) La Ménagerie du Muséum National d'Histoire Naturelle. fol. Paris, 1801.
- Lafresn. Rev. Zool.—(*Lafresnaye, F.*) Revue Zoologique.
- Mém. Soc. Ac. Falaise. — (*Lafresnaye, F.*) Mémoires de la Société Académique de Falaise.
- Lapeyr. Neue Schwed. Abhand.—(*Lapeyrouse, P. P. de*) Neue Abhandlungen der *K. Schwed. Akademie der Wissenschaften* aus der Naturlehre, &c. Leipzig, 1784–1794.
- Lepechin, Itin.—(*Lepechin, I.*) Itinera per varias provincias imperii Russici, anno 1768 et 1769.
- Lath. Ind. Orn.—(*Latham, J.*) Index Ornithologicus. 4to. London, 1790.
- Ind. Orn. Supp.—(*Latham, J.*) Index Ornithologicus, Supplementum. 4to. London, 1801.
- Syn.—(*Latham, J.*) General Synopsis of Birds. 4to. London, 1781–1785.
- Syn. Supp. — (*Latham, J.*) Synopsis of Birds. Supplement. 4to. London, 1787–1802.
- Gen. Hist.—(*Latham, J.*) General History of Birds. 4to. Winchester, 1821–1824.
- New S. Wales Dr.—(*Latham, J.*) New South Wales Drawings, quoted by Latham in his Synopsis, Supp. ii. (formerly in the possession of A. B. Lambert, but in 1843 in the possession of Lord Derby). 3 vols. fol. Supposed to be by John White.
- Leach, Zool. Misc.—(*Leach, W. E.*) Zoological Miscellany. 8vo. London, 1814–1817.
- Syst. Cat. Brit. Mus.—(*Leach, W. E.*) Systematic Catalogue of Mammalia and Birds in the British Museum. Small 4to. 1816.
- Ledru, Voy. Ténérif., Trinit. &c.—(*Ledru, A. P.*) Voyage aux Iles de Ténériffe, La Trinité, St. Thomas, St. Croix et Porto Rico. 8vo. Paris, 1810.
- Leisl. Nachtr. zu Bechst. Naturg. Deutsch. — (*Leisler, J. P. A.*) Nachträge zu Bechstein's Naturgeschichte der deutschen Vögel. 8vo. Hanau, 1812.
- Ann. der Wetterau.—(*Leisler, J. P. A.*) Annalen der Wetterauischen Gesellschaft, &c.
- Less. Cent. Zool.—(*Lesson, R. P.*) Centurie Zoologique, ou Choix d'Animaux rares, nouveaux, ou imparfaitement connus. 8vo. Paris, 1830.

- Less. Man. Orn.—(*Lesson, R. P.*) Manuel d'Ornithologie. 12mo. Paris, 1828.
- Tr. Orn.—(*Lesson, R. P.*) Traité d'Ornithologie. 8vo. Paris, 1831.
- Voy. Coq.—(*Lesson, R. P., Garnot & Duperrey*) Voyage autour du Monde sur la corvette Coquille. 4to. and fol. Atlas, Paris, 1826–1830.
- Bélâng. Voy.—(*Lesson, R. P.*) Voyage aux Indes orientales par le Nord de l'Europe pendant les années 1825–1829, par M. C. Bélanger. 8vo. Paris, 1834.
- L'Echo du Monde.—(*Lesson, R. P.*) L'Echo du Monde Savant, Journal des nouvelles scientifiques. Paris, 1834–1843.
- Comp. Buff.—(*Lesson, R. P.*) Buffon, Œuvres complètes, avec les suites, par M. Lesson. Paris, 1845–46.
- Levaill. Ois. Af.—(*Levaillant, F.*) Histoire Naturelle des Oiseaux d'Afrique. 4to. Paris, 1799.
- Lewin, Brit. B.—(*Lewin, J. W.*) Birds of Great Britain. 4to. London, 1795.
- Licht. Verz. Doubl.—(*Lichtenstein, H.*) Verzeichniss der Doubletten des zoologischen Museums der Königl. Universität zu Berlin. 4to. Berlin, 1823.
- Cat. Berl.—(*Lichtenstein, H.*) Catalogue of the Berlin Museum.
- Orn. Calif.—(*Lichtenstein, H.*) Beitrag zur ornithologischen Fauna von Californien gelesen in der Akademie der Wissenschaften. 4to. Berlin, 1837.
- Verz. Samml. Säug. u. Vög. Kaffernl.—(*Lichtenstein, H.*) Verzeichniss einer Sammlung von Säugethieren und Vögeln aus dem Kaffernlande. Berlin, 1842.
- Forst. Desc. Av.—(*Lichtenstein, H.*) Forsteri J. R. Descriptiones Animalium in Itinere ad Maris Australis terras per annos 1772–74. Berlin, 1844.
- Lidd. Trans. Nat. Hist. Northumb.—(*Liddell, H. T.*) Transactions of the Natural History Society of Northumberland.
- Linderm. Isis.—(*Lindermayer,* ) Isis, 1843, p. 5.
- Linn. Faun. Suec.—(*Linnæus, C.*) Fauna Suecica. 8vo. Stockholm, 1746.
- Syst. Nat.—(*Linnæus, C.*) Systema Naturæ. Ed. 13. 8vo. Vindobonæ, 1766–1767.
- Linn. Trans.—Transactions of the Linnæan Society of London. 4to. London, 1791.
- Lubb. Faun. Norf.—(*Lubbock, R.*) Observations on the Fauna of Norfolk.
- M'Clell. Proc. Zool. Soc.—(*MacClelland, J.*) Proceedings of the Zoological Society.

- Macgill. Brit. B.**—(*Macgillivray, W.*) A History of British Birds, indigenous and migratory. 8vo. London, 1837.
- **Rap. B. Brit.**—(*Macgillivray, W.*) Descriptions of the Rapacious Birds of Great Britain. 8vo. Edinb. 1836.
- Madr. Journ.**—Madras Journal of Literature and Science. 8vo. Madras, 1834.
- Mag. Zool.**—Magasin de Zoologie par Guérin-Ménéville. 8vo. Paris, 1831–1839.
- Malh. Faun. Orn. Sicil.**—(*Malherbe, A.*) Faune Ornithologique de la Sicile. 8vo. Metz, 1843.
- Marcg. Hist. Bras.**—(*Marcgrave, G.*) Historiæ Rerum naturalium Brasilæ. fol. Amsterdam, 1648.
- Marmora, Mém. Ac. Roy. Turin.**—(*Marmora, A.*) Mémoires de l'Académie Royale de Turin.
- Maud. Enc. Méth.**—(*Mauduyt, R. J. Et.*) Dictionnaire des Oiseaux de l'Encyclopédie Méthodique.
- Max. Beiträg.**—(*Maximilian, Prinz zu Wied*) Beiträge zur Naturgeschichte von Brasilien. 8vo. Weimar, 1830.
- **Reis. Braz.**—(*Maximilian, P. zu W.*) Reise nach Brasilien. 4to. Frankfurt, 1820–1821.
- **Trav. Braz.**—(*Maximilian, P. zu W.*) Travels in Brazil.
- Meisn. Verz. Vög. Schweiz.**—(*Meisner, F.*) Systematisches Verzeichniss der Vögel, welche die Schweiz bewohnen, &c. 8vo. Bern, 1804.
- **Mus. Nat. Bern.**—(*Meisner, F.*) Museum der Naturgeschichte Helvetiens in Bern. 4to. Bern, 1807.
- Mém. Ac. Petersb.**—Mémoires de l'Académie Impériale des Sciences de St. Petersburg. 4to. Petersburg, 1809–1826. Sixième Série, Sciences Naturelles. 4to. Petersburg, 1831.
- Mém. prés. Ac. Petersb.**—Mémoires présentées à l'Académie Impériale des Sciences de St. Petersburg par divers Savans. 4to. Petersburg, 1831–1835.
- Mém. Ac. Roy. Turin.**—Mémoires de l'Académie Royale des Sciences. 4to. Turin, 1786–1816.—(Continued) Memorie della Reale Accademia della Scienze di Torino. 4to. Turin, 1818.
- Mém. prés. Ac. Sc. France.**—Mémoires présentées par divers Savans à l'Académie Royale des Sciences de l'Institut de France. 4to. Paris, 1827.
- Mém. Ac. Sc.**—Histoire et Mémoires de l'Académie Royale des Sciences. 4to. Paris, 1701–1793.
- Mém. Ac. Toulouse.**—Mémoires de l'Académie Royale des Sciences, Inscriptions et Belles Lettres de Toulouse. 4to. Toulouse, 1782–1844.
- Mém. Mus. Hist. Nat.**—Mémoires du Muséum d'Histoire Naturelle par les Professeurs. 4to. Paris, 1815–1832.

- Mém. Soc. Hist. Nat. Par.**—Mémoires de la Société d'Histoire Naturelle de Paris. 4to. Paris, 1823.
- Mém. Soc. Ac. Falaise.**—Mémoires de la Société Académique des Sciences, Arts et Belles Lettres de Falaise. 8vo. Falaise, 1835.
- Mém. Soc. Em. Abbeville.**—Mémoires de la Société Royale d'Emulation d'Abbeville. 8vo. Abbeville, 1833.
- Mém. Soc. Sc. Lille.**—Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts à Lille. 8vo. Lille, 1831.
- Mem. Wern. Soc.**—Memoirs of the Wernerian Natural History Society. 8vo. Edinburgh, 1811, &c.
- Meyen, Nov. Act. Leop. Carol.**—(*Meyen, F. J. F.*) Nova Acta physico-medica Academiæ Cæsareæ Leopoldino-Carolinæ Naturæ Curiosorum.
- Meyer, Taschenb. deutsch. Vögelk.**—(*Meyer, B. & Wolf, J.*) Taschenbuch der deutschen Vögelkunde. 8vo. Frankfurt, 1810. Zusätze, 1822.
- **Vög. Liv- u. Esthl.**—(*Meyer, B.*) Kurze Beschreibung der Vögel Liv- und Esthlands. 8vo. Nürnberg, 1815.
- **Vög. Deutschl.**—(*Meyer, B. & Wolf, J.*) Naturgeschichte der Vögel Deutschlands, in getreuen Abbildungen und Beschreibungen. Nürnberg, 1805.
- **Zool. Ann.**—(*Meyer, B.*) Zoologische Annalen. 8vo. Weimar, 1794.
- **Abh. Privat. Böhm.**—(*Meyer, B.*) Abhandlungen Privatgesellschaft. Böhmen.
- **Ann. Wetterau.**—(*Meyer, B.*) Annalen der Wetterauischen Gesellschaft, &c.
- Meyer, Uebers. N. Zool. Neuholl. u. Af.**—(*Meyer, F. A. A.*) Uebersicht der neuesten zoologischen Entdeckungen in Neu-Holland und Afrika. 8vo. Leipzig, 1793.
- Michah. Isis.**—(*Michahelles, C.*) Isis, 1830.
- Mill. Cim. Phys.**—(*Miller, J. F.*) Cimelia Physica, or Figures of rare Quadrupeds and Birds, &c. fol. London, 1796.
- Mol. St. Chili.**—(*Molina, G. J.*) Saggio sulla storia naturale de Chili. 8vo. Bologna, 1782. French edition, Paris, 1789.
- Mont. Orn. Dict. & Supp.**—(*Montagu, G.*) Ornithological Dictionary of British Birds. 8vo. London, 1812. Supplement, 8vo. Exeter, 1813.
- **Orn. Dict. ed. Renn.**—(*Montagu, G.*) Ornithological Dictionary, edited by James Rennie. 8vo. London, 1831.
- **Linn. Trans.**—(*Montagu, G.*) Linnæan Transactions.
- Morr. Brit. B.**—(*Morris, F. O.*) A History of British Birds, with an illustration of each species. 8vo. London. 1851.
- Mud. Brit. B.**—(*Mudie, R.*) British Birds. 8vo, London, 1834.



- Mühle, Orn. Griechl.—(*Mühle, H.*) Beiträge zur Ornithologie Griechenlands. 8vo. Leipzig, 1844.
- Müll. Ois. Af.—(*Müller, J. W. de*) Description de Nouveaux Oiseaux d'Afrique. 8vo. Stuttgart, 1834.
- Müll. Prod. Zool. Dan.—(*Müller, O. F.*) Zoologiæ Danicæ Prodrum, &c. 8vo. Havniæ, 1776.
- Verh. Nat. Gesch. Ned. Bez. Av. Landk. — (*Müller, O. F.*) Verhandelingen over de Natuurlijke Geschiedenis Nederlandsche overzeesche Bezittingen, &c. Avium u. Landkunde.
- Natterer, Naum. Anmerk. Nat. Vög. Deutschl.—(*Natterer, J.*) Naumann's Anmerkung in Naturgeschichte der Vögel Deutschlands. Ed. nov.
- Naum. Nat. Vög. Deutschl. alte Ausgab.—(*Naumann, J. A.*) Naturgeschichte der Vögel Deutschlands, nach eigenen Erfahrungen entworfen. Alte Ausgabe und Nachtrag. (Ed. nov. von J. F. Naumann. 8vo. Leipzig, 1822.)
- Naumannia.—Archiv für die Ornithologie, von E. Baldamus. 8vo. Stuttgart, 1849–1854.
- Neill, Ork. & Shet.—(*Neill, P.*) A Tour through some of the Islands of Orkney and Shetland. 8vo. Edinburgh, 1806.
- Nilss. Orn. Suec.—(*Nilsson, S.*) Ornithologia Suecica. Hafn. 1817–1821.
- Scand. Faun. — (*Nilsson, S.*) Scandinavisk Fauna. Lund, 1820; 2nd ed. 1835.
- Nitzsch. Pterylog. — (*Nitzsch, C. L.*) System der Pterylographie. 4to. Halle, 1840.
- Nordm. Erm. Reis. um Erde. — (*Nordmann, A. v.*) Erman's Reise um die Erde.
- Nouv. Ann. Mus. Hist. Nat.—Nouvelles Annales du Muséum d'Histoire Naturelle, ou Recueil de Mémoires publiées par les Professeurs, &c. &c. 4to. Paris, 1832–35.
- Nouv. Bull. Soc. Philom. — Nouveau Bulletin des Sciences par la Société Philomatique de Paris. 4to. Paris, 1807, 1813–1825.
- Nouv. Dict. Hist. Nat.—Nouveau Dictionnaire d'Histoire Naturelle. Nouvelle édition, Paris, 1816–1819.
- Nov. Act. Leop. Carol. — Nova Acta Physico-medica Academiæ Cæsareæ Leopoldino-Carolinæ Naturæ Curiosorum. 4to. Nuremberg, 1757–1791. Erlang. 1818. Bonn, 1820.
- Nov. Act. Petrop. — Nova Acta Academiæ Scientiarum Imperialis Petropolitanae. 4to. Petersburg, 1787–1806.
- Nov. Act. Reg. Ac. Suec.—Nova Acta Regiæ Academiæ Sueciæ.
- Nov. Act. Soc. Ups.—Nova Acta Regiæ Societatis Scientiarum Upsaliensis. 4to. Upsaliæ, 1795.

- Nov. Com. Petrop.**—*Novi Commentarii Academiae Scientiarum Imperialis Petropolitanae.* 4to. Petersburg, 1750–1776.
- Nuov. Giorn. Pisa.**—*Nuovo Giornale de' Letterati.* 8vo. Pisa, 1822.
- Nutt. Man. Orn. U.S. & Canad.**—(*Nuttall, T.*) *Manual of the Ornithology of the United States and Canada.* 8vo. Cambridge, U.S. 1833.
- Obs. Phys.**—*Observations sur la Physique, sur l'Histoire Naturelle, et sur les Arts, par M. l'Abbé Rozier.* 4to. Paris, 1784–1793.
- Ödmann, Nov. Act. Soc. Ups.**—(*Ödmann, S.*) *Nova Acta Societatis Upsaliensis.* 4to.
- Ogilby, Proc. Zool. Soc.**—(*Ogilby, W.*) *Proceedings of the Zoological Society.*
- Olina, Uccell.**—(*Olina, Gio. P.*) *Uccelliera, ovvero Discorso della natura e proprietà di diversi Uccelli, etc.* 4to. Roma, 1622–1684.
- D'Orbig. (R. Sagra) Nat. Hist. Cuba.**—(*Orbigny, A. d', & Ramon de la Sagra*) *Histoire Physique, Politique, et Naturelle de l'Ile de Cuba.* 8vo. Paris, 1840. *Mammifères, par M. R. de la Sagra; Ornithologie, par Alcide D'Orbigny.* 8vo. Paris, 1839.
- **Voy. Am. Mérid. Ois.**—(*Orbigny, A. d'*) *Voyage dans l'Amérique Méridionale exécuté pendant les années 1826–1833.* Tom. iv. Oiseaux. 4to. 1835–1844.
- **Synop. Av. Mag. Zool.**—(*Orbigny, A. d'*) *Synopsis Avium in Magasin de Zoologie.*
- Ord, Wils. Am. Orn.**—(*Ord, G.*) *Wilson's American Ornithology.*
- Paget, Nat. Hist. Yarm.**—(*Paget, J.*) *Sketch of the Natural History of Yarmouth and its neighbourhood, containing Catalogues of the Species of Animals, Birds, &c.* 8vo. Yarmouth, 1834.
- Pall. Misc. Zool.**—(*Pallas, P. S.*) *Miscellanea Zoologica, quibus novæ imprimis atque obscuræ Animalium species describuntur.* 4to. Hag. Com. 1766.
- **Spic. Zool.**—(*Pallas, P. S.*) *Spicilegia Zoologica, quibus novæ imprimis et obscuræ Animalium species illustrantur.* Berlin, 1767–1780.
- **Voy.**—(*Pallas, P. S.*) *Voyages en différentes Provinces de l'Empire de Russie et dans l'Asie septentrionale.* Trad. de l'Allemand par M. Gautier de la Peyronnie. 4to. Paris, 1788–1793.
- **Zoog. Ross. As.**—(*Pallas, P. S.*) *Zoographia Rosso-Asiatica, sistens omnium animalium in extensu imperio Rossico et adjacentibus maribus observatorum.* 4to. Petersburg, 1811.
- Peab. B. Mass.**—(*Peabody, W. B. O.*) *Birds of Massachusetts.* 1841.

- Peab. Bost. Journ. Nat. Hist.**—(*Peabody, W. B. O.*) Boston Journal of Natural History. 8vo. Boston, 1837–1841.
- Peale, U. S. Expl. Exp.**—(*Peale, Titian R.*) United States Exploring Expedition during 1838, 1839, 1840, 1841, 1842, under the command of Charles Wilkes, U. S. N. Philadelphia, 1848.
- Pears. Journ. As. Soc. Beng.** — (*Pearson, J. T.*) Journal of the Asiatic Society of Bengal.
- Penn. Ind. Zool.**—(*Pennant, T.*) Indian Zoology. 2nd ed. 4to. London, 1790.
- **Arct. Zool.**—(*Pennant, T.*) Arctic Zoology. 4to. London, 1785.
- **Brit. Zool.**—(*Pennant, T.*) British Zoology. 8vo. 1812.
- Perrault, Ouvr. Anatom. Ac. Par.**—(*Perrault, C.*) Description anatomique de divers animaux disséqués dans l'Académie Royale des Sciences de Paris.
- Pethény, Isis.**—(*Pethény, V.*) Wichtige Beobachtungen über den rothfüssigen Falken, &c. Isis.
- Phil. Mag.**—Philosophical Magazine. 8vo. London, 1st, 2nd, and 3rd Series, 1798–1832.
- Phil. Trans.**—Philosophical Transactions. 4to. London, 1665–1844.
- Phys. Abh. Ak. Berl.** — Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin: Physikalische Klasse. 4to. Berlin, 1832–1846.
- Portl. Instit.**—(*Portland,* ) L'Institut.
- Proc. Comm. Zool. Soc.**—Proceedings of the Committee of Science and Correspondence of the Zoological Society of London. 8vo. London, 1832, &c.
- Proc. Zool. Soc.**—Proceedings of the Zoological Society of London. 8vo. London, 1830–1855.
- Pucher. Rev. Zool.**—(*Pucheran, Dr.*) Revue Zoologique.
- Quart. Journ. Sc.**—Quarterly Journal of Science, Literature and Arts. 8vo. London, 18—, 1830.
- Quoy, Voy. Astrol.**—Voyage de Découvertes de l'Astrolabe pendant les années 1826–1829, sous le commandement de M. J. Dumont d'Urville. Zoologie, par MM. Quoy et Gaimard. folio Atlas. 8vo. Paris, 1830–1833.
- **Voy. Uran.**—Voyage autour du Monde, exécuté sur les corvettes l'Uranie et la Physicienne, par M. Louis de Freycinet. Zoologie, par MM. Quoy et Gaimard. folio Atlas. 4to. Paris, 1824.
- **Zool. Journ.**—(*Quoy, J. R. C.*) Zoological Journal.
- Raffl. Life.**—(*Raffles, S.*) Memoir of Sir Stamford Raffles. 4to. London, 1830. Appendix.



- Raffl. Linn. Trans.**—(*Raffles, S.*) Linnæan Transactions.
- Ranz. Elem. Zool.**—(*Ranzani, C.*) Elementi di Zoologia. 8vo. Bologna, 1823.
- Ray, Synop. Av.**—(*Ray, J.*) Synopsis methodica Avium et Piscium. 8vo. London, 1710.
- Reichenb. Prakt. Nat. Vög.**—(*Reichenbach, A. B.*) Praktische Naturgeschichte der Vögel, &c. Leipzig, 1847.
- Reinw. MS.**—(*Reinwardt, C. G. C.*) Manuscripts.
- Retz. Faun. Suec.**—(*Retzius, A. J.*) Faunæ Suecicæ, a Carolo À. Linné Eq. inchoatæ, Pars Prima. 8vo. Leipzig, 1800.
- Rev. Zool.**—Revue Zoologique, par la Société Cuvierienne. 8vo. Paris, 1838–1848. Revue et Magasin de Zoologie pure et appliquée. 8vo. Paris, 1849–1851.
- Richards. & Swains. Faun. Bor. Am.**—(*Richardson, J. & Swainson, W.*) Fauna Boreali-Americana. The Birds. 4to. London, 1831.
- Rislach, Thunb. Diss. Ac.**—(*Rislach & Thunberg, C. P.*) Dissertationes Academicæ, &c. 1799.
- Risso, Hist. Nat. Nice.**—(*Risso, A.*) Histoire naturelle des principales Productions de l'Europe méridionale, particulièrement de celles des environs de Nice et des Alpes maritimes. 8vo. Paris, 1826.
- Roux, Orn. Prov.**—(*Roux, P.*) Ornithologie Provençale. 4to. Paris, 1825.
- Rüpp. Atl. Reis. nörd. Af.**—(*Rüppell, E.*) Atlas zu der Reise im nördlichen Afrika. fol. Frankfurt-a.-M. 1826.
- **Neue Wirbelth.**—(*Rüppell, E.*) Neue Wirbelthiere, zu der Fauna von Abyssinien gehörig. Vögel. fol. Frankfurt-a.-M. 1835–1840.
- **Syst. Übers.**—(*Rüppell, E.*) Systematische Uebersicht der Vögel Nord-ost-Afrika's. 8vo. Frankfurt-a.-M. 1845.
- **Ann. Sc. Nat.**—(*Rüppell, E.*) Annales des Sciences Naturelles.
- **Nuov. Giorn. Pisa.**—(*Rüppell, E.*) Nuovo Giornale dei Letterati. Pisa.
- Sab. Frankl. Exp. App.**—(*Sabine, J.*) On the Zoology of Arctic America, in Appendix to Franklin's First Voyage to the Polar Sea.
- Salt, Abyss.**—(*Salt, H.*) Voyage to Abyssinia. 4to. London, 1814.
- Savi, Orn. Tosc.**—(*Savi, P.*) Ornitologia Toscana, ossia descrizione e storia degli Uccelli che trovansi nella Toscana, con l'aggiunta delle descrizione di tutti gli altri propri al rimanente d'Italia. 8vo. Pisa, 1827.
- **Cat. Ucc. Pisa.**—(*Savi, P.*) Catalogo degli Uccelli del Provincia Pisana. Pisa, 1823.

- Savig. Desc. Egypt.**—(*Savigny, J. C. & Audouin, V.*) Description de l'Egypte. Histoire Naturelle. fol. Paris, 1809–1813.
- Schemb. Vocab. Sinon. Class.**—(*Schembri, A.*) Vocabolario dei Sinonimi classici dell' Ornitologia Europea. 8vo. Bologna, 1846.
- **Cat. Orn. Malt., or Quad. Geog.**—(*Schembri, A.*) Quadro Geografico-ornitologico, ossia Quadro comparativo delle Ornitologie di Malta, Sicilia, Roma, Toscana, Liguria, Nizza e la provincia di Gard. Compilato da Antonio Schembri. 4to. Malta, 1843.
- Schinz, Faun. Helvet.**—(*Schinz, H. R.*) Fauna Helvetica.
- Schleg. Rev. Krit., or Krit. Uebers.**—(*Schlegel, H.*) Revue Critique des Oiseaux d'Europe. 8vo. Leide, 1844. Kritische Uebersicht der Europäischen Vögel. Leyden, 1844.
- **Faun. Jap.**—(*Schlegel, H.*) Fauna Japonica, &c. 1823–1830.
- Rich. Schomb. Reis. Brit. Guian.**—(*Schomburgk, Richard*) Reisen in Britisch Guiana. R. 8vo. Leipzig, 1840.
- Robt. Schomb. Ann. Nat. Hist.**—(*Schomburgk, Robert*) Annals of Natural History.
- **Hist. Barbadoes.**—(*Schomburgk, Robert*) The History of Barbadoes, &c. 8vo. London, 1848.
- Schrank, Faun. Boïca.**—(*Schrank, F. v. P.*) Fauna Boïca; durchgedachte Geschichte der in Baiern einheimischen und zahmen Thiere. 8vo. Nürnberg, 1798, 1803.
- Schulz. Faun. March.**—(*Schulze, J. H.*) Fauna Marchica. Berlin, 1845.
- Scop. Del. Faun. Ins.**—(*Scopoli, J. A.*) Deliciæ Floræ et Faunæ Insulariæ. fol. Ticino, 1786.
- **Intr.**—(*Scopoli, J. A.*) Introductio ad Historiam Naturalem. 8vo. Prague, 1777.
- **Ann.**—(*Scopoli, J. A.*) Annus I. Historico-naturalis. 12mo. Leipzig, 1768.
- Selby, Ill. Brit. Orn.**—(*Selby, P. J.*) Illustrations of British Ornithology. fol. & 8vo. Edinburgh, 1833.
- **Cat. Gen. Typ.**—(*Selby, P. J.*) Catalogue of Generic and Subgeneric Types of the Class Aves, Birds. Newcastle, 1840.
- **Trans. Nat. Hist. Soc. Northumb.**—(*Selby, P. J.*) Transactions of the Natural History Society of Northumberland.
- Sells, Proc. Zool. Soc.**—(*Sells, W.*) On the habits of *Vultur aura*. Proceedings of the Zoological Society, 1837.
- S.-Longch. Faun. Belg.**—(*Selys-Longchamps, E. de*) Indication méthodique des Mammifères, Oiseaux, &c. &c., observés jusqu'ici en Belgique. 8vo. Liège, 1842.
- Sepp, Nederl. Vog.**—(*Sepp, J. C.*) Nederlandsche Vögel.

- Shaw, Cim. Phys.—(*Shaw, G.*) Cimelia Physica: Figures of rare and curious Quadrupeds, Birds, &c., with engravings and descriptions by Miller. fol. London, 1796.
- Mus. Lev.—(*Shaw, G.*) Museum Leverianum: Select specimens from the Museum of the late Sir Ashton Lever. 4to. London, 1792–1796.
- Zool.—(*Shaw, G.*) General Zoology, or Systematic Natural History. 8vo. London, 1809–1812.
- Shaw & Nodd. Nat. Misc.—(*Shaw, G. & Nodder, F. P.*) Naturalist's Miscellany. 8vo. London, 1790–1813.
- Sibb. Prod. Nat. Hist. Scot.—(*Sibbald, R.*) Prodromus Historiæ Naturalis Scotiæ, &c. fol. Edinburgh, 1664, 1684, 1696.
- Sieb. Temm. & Schleg. Faun. Jap.—(*Siebold, P. F. v.*) Fauna Japonica, conjunctis studiis Temminck et Schlegel.
- Siemss. Handb. Land- u. Wasservög.—(*Siemssen, A. C.*) Handbuch zur systematische Kenntniss der Mecklenburg. Land- und Wasservögel. 8vo. Rostock, 1794.
- Sillim. Am. Journ.—(*Silliman, B.*) American Journal of Science, conducted by. 8vo. New York, 1818–1846.
- Smith, Ill. S. Af. Zool.—(*Smith, A.*) Illustrations of the Zoology of South Africa, consisting chiefly of Figures and Descriptions of Objects of Natural History collected during an expedition into the interior of South Africa in 1834, 35, 36. 4to. London, 1849.
- S. Af. Quart. Journ.—(*Smith, A.*) The South African Quarterly Journal. Cape Town, 1829–1833.
- Sonner. Voy. Ind.—(*Sonnerat, M.*) Voyage aux Indes Orientales et à la Chine. 4to. Paris, 1782.
- Sonnini, Buff. Ois.—(*Sonnini, C. S.*) Histoire Naturelle des Oiseaux par L. de Buffon. 8vo. An. ix.
- Sparrm. Mus. Carls.—(*Sparrman, A.*) Museum Carlsonianum. fol. Stockholm, 1786–1788.
- Spix, Av. Braz.—(*Spix, J. B.*) Avium species novæ quas in itinere per Brazilian collegit. fol. Munich, 1824, 1825.
- Trav. Braz., or Reise Bras.—(*Spix, J. B.*) Reise in Brasilien in den Jahren 1817–1820. Munich, 1823.—Spix's Travels in Brazil. English edition.
- Spry, Brit. Ind.—(*Spry, H.*) Modern India, with a coloured Map of the British possessions in Asia. 1837.
- Stedman, Surinam.—(*Stedman, J. G.*) Narrative of a five years' Expedition against the revolted Negroes of Surinam. 4to. London, 1796.
- Steph. Zool.—(*Stephens, J. F.*) General Zoology, or Systematic Natural History. 8vo. London, 1815–1826.
- Storr, Alpenreise.—(*Storr, G. C. C.*) Alpenreise von Jahre 1781. 4to. Leipzig, 1784–86.

- Strickl. Proc. Zool. Soc.** — (*Strickland, H. E.*) Proceedings of the Zoological Society.
- **Ann. Nat. Hist.** — (*Strickland, H. E.*) Annals of Natural History.
- **& Sclat. Cont. Orn.** — (*Strickland, H. E. & Sclater, P. L.*) Jardine's Contributions to Ornithology.
- **& Sclat. B. Damar. Cont. Orn.** — (*Strickland, H. E. & Sclater, P. L.*) List of a Collection of Birds procured by Mr. C. T. Andersson in the Damara Country. Jardine's Contributions to Ornithology.
- Sturt, Exp. Aust. App.** — (*Sturt, C.*) Expedition into Central Australia in the years 1844, 45, 46, with a Notice of the Province of South Australia in 1847. Appendix. 8vo. London, 1849.
- Swains. An. Menag.** — (*Swainson, W.*) Animals in Menageries. 12mo. London, 1838.
- **B. W. Af.** — (*Swainson, W.*) Natural History of the Birds of West Africa. 12mo. London, 1837.
- **Classif. B.** — (*Swainson, W.*) Natural History and Classification of Birds. 12mo. London, 1837.
- Syk. or Sykes, Proc. Comm. Zool. Soc.** — (*Sykes, Col. W. H.*) Proceedings of the Committee of the Zoological Society.
- Temm. Man. Orn.** — (*Temminck, C. J.*) Manuel d'Ornithologie. 2nd ed. 8vo. Paris, 1820.
- **Tab. Méth.** — (*Temminck, C. J.*) Tableau Méthodique aux Planches Enluminées de Buffon et aux Planches Coloriées. 1836.
- **Pl. Col.** — (*Temminck, C. J. & Langier, Baron*) Nouveau Recueil de Planches Coloriées d'Oiseaux. 4to. Paris, 1820–1836.
- **Cat. Syst. Cab.** — (*Temminck, C. J.*) Catalogue systématique du Cabinet d'Ornithologie et de la collection des Quadrumanes, avec une courte description des Oiseaux non-décrits. 8vo. Amsterdam, 1807.
- **Féruss. Bull. Sc. Nat.** — (*Temminck, C. J.*) Bulletin des Sciences Naturelles, par M. de Férussac.
- Tengm. Act. Stockh. Ann.** — (*Tengmalm, P. G.*) Actes de l'Académie Royale des Sciences de Stockholm. Paris.
- **Svensk. Ak. Nya Handl.** — (*Tengmalm, P. G.*) Kongliga Svenska Vetenskaps Akademiens Nya Handlingar. 8vo. Stockholm, 1780–1846.
- **Schw. Ak. Neue Abh.** — (*Tengmalm, P. G.*) Neue Abhandlungen der K. Schwedischen Akademie der Wissenschaften aus der Naturlehre, &c. Leipzig, 1784–1794.
- **Wetterau. Handl.** — (*Tengmalm, P. G.*) Annalen der Wetterauischen Gesellschaft, &c.

- Thienemann, Rhea.**—(*Thienemann, F. A. L.*) Rhea : Zeitschrift für die gesammte Ornithologie. Leipzig, 1846.
- Thomps. B. Irel.**—(*Thompson, W.*) The Natural History of Ireland. Birds. 8vo. London, 1849.
- Thomps. Nat. Hist. Verm.**—(*Thompson, Z.*) History of Vermont, Natural, Civil and Statistical. 8vo. Burlington, 1842. Appendix, 1853.
- Thunb. Diss. Ac.**—(*Thunberg, C. P.*) Dissertationes Academicæ Upsaliæ habitæ sub præsidio. 12mo. Gottingen, 1799–1801.
- Tick. Journ. As. Soc. Beng.**—(*Tickell, S. R.*) Journal of the Asiatic Society of Bengal.
- Trans. Lit. Soc. Bomb.**—Transactions of the Literary Society of Bombay. 4to. London, 1819.
- Trans. Nat. Hist. Soc. Northumb.**—Transactions of the Natural History Society of Northumberland, Durham, and Newcastle-upon-Tyne. 4to. Newcastle, 1831.
- Tschud. Faun. Per.**—(*Tschudi, J. J.*) Untersuchungen über die Fauna Peruana. fol. St. Gallen, 1844–1846.
- **Av. Consp. Wiegmann's Arch.**—(*Tschudi, J. J.*) Avium Conspectus. Wiegmann's Archiv, 1844.
- Tuck. Congo.**—(*Tuckey, J. R.*) Narrative of an Expedition to the River Zaire, usually called the Congo. 4to. London, 1818.
- Tyzenhauz. Rev. Zool.**—(*Tyzenhauz, K.*) Revue Zoologique.
- **Orn. Powszech.**—(*Tyzenhauz, K.*) Ornitologia Powszechna, &c. 8vo. Wilno, 1842–1844.
- Verh. Nat. Gesch. Ned. Bez. Av. Landk.**—Verhandeligen over de Natuurlijke Geschiedenis der Nederlandsche Overzeesche Bezittingen : Zoologie. folio, Leiden, 1839–1844. Land en Volkenkunde. folio, Leiden, 1840.
- Verreaux, Rev. Zool.**—(*Verreaux, J.*) Revue Zoologique.
- **Cab. Journ. Orn.**—(*Verreaux, J.*) Cabanis' Journal für Ornithologie.
- **Ois. Nouv. Gab. Cab. Journ. Orn.**—(*Verreaux, J. & Verreaux, E.*) Descriptions d'espèces nouvelles, rares ou peu connues d'Oiseaux du Gabon. Cabanis' Journal für Ornithologie.
- Vieill. Anal. Orn.**—(*Vieillot, L. P.*) Analyse d'une nouvelle Ornithologie élémentaire. 8vo. Paris, 1816.
- **Enc. Méth.**—(*Vieillot, L. P.*) Tableau Encyclopédique et Méthodique des trois Règnes de la Nature. 4to. Paris, 1823.
- **Faun. Franç.**—(*Vieillot, L. P.*) Faune Française, ou Histoire naturelle, générale et particulière des Animaux qui se trouvent en France : Oiseaux. 8vo. Paris, no date.
- **Gal. Ois.**—(*Vieillot, L. P.*) Galerie des Oiseaux. 4to. Paris, 1825.



- Vieill. Nouv. Dict. Hist. Nat.**—(*Vieillot, L. P.*) Nouveau Dictionnaire d'Histoire Naturelle appliquée aux arts, à l'agriculture, à l'économie rurale et domestique, à la médecine, etc., par une Société de Naturalistes et d'Agriculteurs, avec des figures tirées des trois règnes de la nature. 8vo. Paris, 1816–1819.
- **Ois. Am. Sept.** — (*Vieillot, L. P.*) Histoire Naturelle des Oiseaux de l'Amérique Septentrionale. fol. Paris, 1807.
- **Soc. Linn. Par. (Mém.)**—(*Vieillot, L. P.*) Annales de la Société Linnéenne de Paris. 1822–1827.
- Vig. Zool. Journ.**—(*Vigors, N. A.*) Zoological Journal.
- **Trans. Linn. Soc.**—(*Vigors, N. A.*) Transactions of the Linnean Society.
- **Raffl. Life.**—(*Vigors, N. A.*) Life of Sir Stamford Raffles.
- **Denh. Trav. Af., App.**—(*Vigors, N. A.*) Denham's Travels in Africa. Appendix.
- Vosm. Monog.** — (*Vosmaer, A.*) Monographie et Description d'un Oiseau de Proie nommé le Sagittaire. Amsterdam, 1769.
- Wagl. Syst. Av.** — (*Wagler, J. C.*) Systema Avium. Pars prima. 12mo. Stuttgart, 1827.
- Watt. B. Irel.**—(*Watters, J. J.*) The Natural History of the Birds of Ireland. 16mo. Dublin & Edinb. 1853.
- Webb & Berth. Hist. Nat. Canar.**—(*Webb, P. B. & Berthelot, S.*) Histoire naturelle des îles Canaries. 4to. Paris, 1835–1837.
- Wedderb. Jard. Cont. Orn.**—(*Wedderburn, J.*) Jardine's Contributions to Ornithology. 1849, 1850.
- **& Trist. Cont. Orn.**—(*Wedderburn & Tristram*) Jardine's Contributions to Ornithology.
- Wern. Atl. Ois. Eur.**—(*Werner, J. C.*) Atlas des Oiseaux d'Europe, pour servir de complément au Manuel d'Ornithologie de M. Temminck. Paris, 1826.
- White, Voy. N. S. Wales.**—(*White, J.*) Journal of a Voyage to New S. Wales. 4to. London, 1790.
- White, Hist. Selb.**—(*White, G.*) Natural History of Selborne. 4to. London, 1789. Ed. 8vo. 1802. 8vo. London, 1853.
- Wiedem. Arch. Zool.**—(*Wiedemann, C. R. W.*) Archiv für Zoologie und Zootomie. 8vo. Berlin, 1800; Braunschweig, 1801–1804.
- Wieg. Arch.**—(*Wiegmann, A. F. A.*) Archiv für Naturgeschichte. Berlin, 1844.
- Willugh. Orn.**—(*Willughby, F.*) The Ornithology of Willughby, in 3 Books. fol. London, 1678.
- Wils. Am. Orn.**—(*Wilson, A.*) American Ornithology, or the Natural History of the Birds of the United States. Philadelphia, 1808; 2nd edit. 1824.
- Wils. Mem. Wern. Soc.** — (*Wilson, J.*) Memoirs of the Wernerian Natural History Society.

- Wolf, Abbild. merk. Geg.**—(*Wolf, J.*) Abbildungen und Beschreibungen merkwürdiger naturgeschichtlicher Gegenstände. 4to. Nürnberg, 1818–1822.
- Woodh. (Sitg.) Exp. Zuni & Colorad.**—(*Sitgreaves, L.*) Expedition down the Zuni and Colorado Rivers. Birds, by S. W. Woodhouse, M.D. 8vo. Washington, 1853.
- Wurmb & Licht. Mag. für das Neueste.**—(*Wurmb, F. B. v. & Lichtenberg, L. C. v.*) Magazin für das Neueste der Physik und Naturgeschichte. 8vo. Gotha, 1781–1799.
- Yarr. Brit. B.**—(*Yarrell, W.*) A History of British Birds. 8vo. London, 1843.
- Zool. Beech. Voy.**—Zoology of Capt. Beechey's Voyage, compiled from the collections and notes made by Capt. Beechey, the officers, and naturalist of the Expedition during a Voyage to the Pacific and Behring's Straits, by J. Richardson, N. A. Vigers, &c. 4to. London, 1839.
- Zool. Journ.**—Zoological Journal. 8vo. London, 1824–1834.

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*Summ.*—Summer.

*Wint.*—Winter.

*Acc.*—Accidental.

*Res.*—Resident.





# CONTENTS.

	Page		Page
ACCIPITER .....	104	Aquila bellicosa .....	61
Accipiter approximans .....	111	— bifasciata .....	58
— badius .....	106	— chrysaëta .....	55
— bicolor .....	110	— fasciata .....	61
— brachydactylus .....	114	— fusca .....	59
— erythronemius .....	116	— malayensis .....	60, 220
— exilis .....	110	— mogilnik .....	57
— ferrugineus .....	109	— morphnoides .....	62
— francesi .....	115	— naevia ..	58
— fuseus .....	108	— naevioïdes .....	59
— gabar .....	112	— pennata .....	60
— guttatus .....	110	— verreauxi .....	63
— hiogaster .....	112	— vindhiana .....	59
— madagascariensis .....	114	— vulturina .....	63
— melanops .....	111	ARCHIBUTEO .....	38
— mexicanus .....	109	Archibuteo aquilinus .....	41
— minullus .....	113	— ferrugineus .....	40
— niger .....	113	— hemiptilopus .....	41
— nisoides .....	106	— lagopus .....	38
— nisosimilis .....	105	— sancti-johannis .....	40
— nissus .....	104	ASIO .....	205
— pileatus .....	109	Asio abyssinicus .....	211
— soloensis .....	107	— brachyotus .....	209
— sphenurus .....	113	— capensis .....	211
— striatus .....	109	— crassirostris .....	208
— superciliaris .....	116	— galapagoensis .....	211
— superciliosus .....	115	— madagascariensis .....	212
— tachiro .....	114	— mexicanus .....	208
— toussenelii .....	116	— otus .....	205
— trinotatus .....	115	— peregrinator .....	207
— virgatus .....	106	— semitorques .....	209
AQUILA .....	55	— signapa .....	212
Aquila audax .....	62	— stygius .....	207

	Page		Page
ASTUR .....	116	Athene perlata .....	163
Astur atricapillus .....	118	— punctulata .....	173
— leucorrhous .....	120	— radiata .....	167
— longicaudus .....	120	— rufa .....	165
— magnirostris .....	120	— rufipes .....	172
— melanoleucus .....	120	— scutellata .....	170
— monachus .....	121	— strenua ..	165
— monogrammicus .....	121	— superciliaris .....	168
— novæhollandiæ .....	118	— tæniata .....	173
— palumbarius .....	116	— torquata .....	172
— poliogaster .....	121	— variegata ..	173
— radiatus .....	119	— woodfordi .....	170
— rufulus .....	221	AVICIDA .....	128
— trivirgatus .....	220	Avicida cuculoides .....	128
— uncinetus .....	221	BAZA .....	126
ASTURINA .....	41	Baza lophotes .....	126
Asturina brachyurus .....	42	— magnirostris .....	127
— nitida .....	41	— reinwardti .....	127
ATHENE .....	159	— suberistata .....	127
Athene albifacies .....	171	BUBO .....	212
— boobook .....	165	Bubo ascalaphus .....	215
— brama .....	166	— bengalensis .....	216
— brodiei .....	169	— capensis .....	217
— capensis .....	169	— cinerascens .....	217
— castanoptera .....	168	— dillonii .....	218
— commivens .....	164	— lacteus .....	217
— cuculoides .....	167	— maculosus .....	215
— eunicularia .....	160	— maximus .....	212
— dominicensis .....	161	— orientalis .....	216
— ferox .....	162	— pectoralis .....	216
— ferruginea .....	162	— sibiricus .....	213
— fusca .....	170	— virginianus .....	213
— guteruhi ..	172	BUTEO .....	27
— humeralis .....	174	Buteo albicaudatus .....	35
— infuscata .....	163	— albicollis .....	37
— lathamii .....	162	— albonotatus .....	31
— leucopsis .....	171	— augur .....	34
— licua .....	164	— bairdii .....	37
— maculata .....	166	— borealis .....	29
— malabarica .....	168	— calurus .....	38
— marmorata .....	166	— desertorum .....	33
— melanota .....	172	— elegans .....	38
— meridionalis .....	160	— erythronotus .....	34, 219
— nana .....	170	— galapagoensis .....	31
— noctua .....	159	— ghiesbreghtii .....	36
— novæ seelandiæ .....	166	— harlani .....	30
— nudipes .....	173	— insignatus .....	38
— ocellata .....	174	— jakal ..	33

	Page		Page
<i>Buteo kaupi</i> . . . . .	37	<i>Circus melanoleucus</i> . . . . .	154
— <i>lacernulatus</i> . . . . .	34	— <i>ranivorus</i> . . . . .	151
— <i>lineatus</i> . . . . .	31	— <i>silonotus</i> . . . . .	157
— <i>melanops</i> . . . . .	36	— <i>swainsoni</i> . . . . .	151
— <i>melanosternon</i> . . . . .	34	<i>CYMINDIS</i> . . . . .	128
— <i>oxypterus</i> . . . . .	38	<i>Cymindis cayennensis</i> . . . . .	128
— <i>pectoralis</i> . . . . .	35	— <i>wilsoni</i> . . . . .	129
— <i>pennsylvanicus</i> . . . . .	32	<i>ELANOÏDES</i> . . . . .	141
— <i>plumipes</i> . . . . .	38	<i>Elanoïdes furcatus</i> . . . . .	141
— <i>polionotus</i> . . . . .	37	— <i>riocouri</i> . . . . .	142
— <i>polyosoma</i> . . . . .	219	<i>ELANUS</i> . . . . .	137
— <i>pygmaeus</i> . . . . .	36	<i>Elanus axillaris</i> . . . . .	139
— <i>rufipennis</i> . . . . .	36	— <i>cæruleus</i> . . . . .	137
— <i>swainsoni</i> . . . . .	30	— <i>leucurus</i> . . . . .	138
— <i>tachardus</i> . . . . .	33	— <i>scriptus</i> . . . . .	139
— <i>ventralis</i> . . . . .	31	<i>FALCONIDÆ</i> . . . . .	18
— <i>vulgaris</i> . . . . .	27	<i>FALCO</i> . . . . .	77
<i>BUTEOGALLUS</i> . . . . .	42	<i>Falco æsalon</i> . . . . .	90
<i>Buteogallus equinoctialis</i> . . . . .	42	— <i>anatum</i> . . . . .	83
— <i>nigricollis</i> . . . . .	43	— <i>arcadicus</i> . . . . .	86
<i>CATHARTES</i> . . . . .	1	— <i>ardosiaceus</i> . . . . .	90
<i>Cathartes atratus</i> . . . . .	2, 219	— <i>aurantius</i> . . . . .	89
— <i>aura</i> . . . . .	1	— <i>biarmicus</i> . . . . .	79
— <i>californianus</i> . . . . .	3	— <i>candicans</i> . . . . .	77
<i>CICCABA</i> . . . . .	174	— <i>chiquera</i> . . . . .	87
<i>Ciccaba huhula</i> . . . . .	174	— <i>columbarius</i> . . . . .	92
<i>CIRCAËTUS</i> . . . . .	45	— <i>eleonoræ</i> . . . . .	86
<i>Circaëtus cinerascens</i> . . . . .	48	— <i>femoralis</i> . . . . .	88
— <i>cinereus</i> . . . . .	47	— <i>frontalis</i> . . . . .	84
— <i>coronatus</i> . . . . .	47	— <i>gyrfalco</i> . . . . .	78
— <i>fasciolatus</i> . . . . .	48	— <i>hypoleucus</i> . . . . .	80
— <i>ferox</i> . . . . .	46	— <i>islandicus</i> . . . . .	77
— <i>gallicus</i> . . . . .	45	— <i>jugger</i> . . . . .	79
— <i>pectoralis</i> . . . . .	47	— <i>lunulatus</i> . . . . .	89
— <i>solitarius</i> . . . . .	47	— <i>melanogenys</i> . . . . .	84
<i>CIRCUS</i> . . . . .	145	— <i>minor</i> . . . . .	83
<i>Circus acoli</i> . . . . .	156	— <i>nigriceps</i> . . . . .	85
— <i>æruginosus</i> . . . . .	145	— <i>novæ seelandiæ</i> . . . . .	94
— <i>assimilis</i> . . . . .	155	— <i>orientalis</i> . . . . .	83
— <i>ater</i> . . . . .	153	— <i>peregrinator</i> . . . . .	84
— <i>cinerarius</i> . . . . .	152	— <i>peregrinus</i> . . . . .	81
— <i>cinereus</i> . . . . .	156	— <i>polyagrus</i> . . . . .	85
— <i>cyaneus</i> . . . . .	147	— <i>ruficollis</i> . . . . .	87
— <i>hudsonius</i> . . . . .	150	— <i>rufigularis</i> . . . . .	88
— <i>jardini</i> . . . . .	154	— <i>sacer</i> . . . . .	79
— <i>maculosus</i> . . . . .	155	— <i>semitorquatus</i> . . . . .	93
— <i>maurus</i> . . . . .	153	— <i>severus</i> . . . . .	87
— <i>megaspiles</i> . . . . .	156	— <i>subbuteo</i> . . . . .	85

	Page		Page
Falco subniger . . . . .	80	Hieracidea occidentalis. . . . .	101
— tibialis . . . . .	90	HIERAX . . . . .	102
— vespertinus . . . . .	93	Hierax caerulescens . . . . .	102
GAMPSONYX. . . . .	137	— erythrogenys . . . . .	103
Gampsonyx swainsonii . . . . .	137	— entolmus . . . . .	103
GERANOÆTUS. . . . .	54	— malayensis . . . . .	103
Geranoætus melanoleucus . . . . .	54	— sericeus . . . . .	104
GLAUCIDIUM . . . . .	158	IBYCTER . . . . .	22
Glaucidium passerinum . . . . .	158	Ibycter americanus . . . . .	22
GYPAËTUS . . . . .	15	— ater . . . . .	23
Gypaëtus barbatus . . . . .	15	— fasciatus . . . . .	23
— hemachalanus . . . . .	16	— gymnocephalus . . . . .	24
— meridionalis. . . . .	17	ICHNOSCELES . . . . .	124
GYPOHIERAX . . . . .	14	Ichnosceles caerulescens . . . . .	124
Gypohierax angolensis . . . . .	14	— gracilis. . . . .	124
GYPS. . . . .	9	— niger . . . . .	125
Gyps bengalensis . . . . .	11	ICHTHYAËTUS. . . . .	66
— fulvus . . . . .	9	Ichthiyaëtus bicolor. . . . .	66
— indicus. . . . .	10	— nanus . . . . .	66
— kolbii . . . . .	10	ICTINIA . . . . .	140
— rüppelli . . . . .	10	Ictinia mississippiensis. . . . .	140
HALIAËTUS . . . . .	48	— plumbea . . . . .	140
Haliaëtus albicilla. . . . .	48	KETUPA . . . . .	195
— dimidiatus . . . . .	51	Ketupa ceylonensis . . . . .	196
— leucocephalus . . . . .	49	— flavipes. . . . .	196
— leucogaster . . . . .	53	— javanensis . . . . .	195
— leucoryphus. . . . .	52	MACHEIRHAMPHUS. . . . .	135
— macei . . . . .	52	Macheirhamphus alcinus . . . . .	135
— maritimus . . . . .	53	MELIËRAX . . . . .	142
— pelagicus . . . . .	51	Meliërax musicus . . . . .	142
— sinensis . . . . .	53	— polyzonus. . . . .	143
— vocifer . . . . .	51	MICRASTUR . . . . .	122
— vociferoides . . . . .	52	Micrastur concentricus. . . . .	123
— washingtoni. . . . .	51	— guerilla . . . . .	123
HALIASTUR . . . . .	73	— leucauchen . . . . .	123
Haliastur indus. . . . .	73	— ruficollis . . . . .	122
— leucosternus. . . . .	75	— semitorquatus . . . . .	122
— sphenurus . . . . .	74	MILVAGO . . . . .	19
HARPAGUS . . . . .	101	Milvago albogularis . . . . .	22
Harpagus bidentatus . . . . .	101	— australis . . . . .	21
— diodon . . . . .	102	— chimachima. . . . .	19
HELOTARSUS . . . . .	76	— chimango. . . . .	20
Helotarsus ecaudatus . . . . .	76	— megalopterus . . . . .	21
HERPETOTHERES . . . . .	75	— peziporus. . . . .	20
Herpetotheres cachinnans . . . . .	75	MILVUS . . . . .	131
— sufflator . . . . .	76	Milvus forskahli . . . . .	134
HIERACIDEA . . . . .	101	— migrans . . . . .	133
Hieracidea berigora . . . . .	101	— pacificus . . . . .	135

	Page		Page
Milvus regalis . . . . .	131	Scops atricapilla . . . . .	202
MORPHINUS . . . . .	24	— bakkamæna . . . . .	201
Morphnus anthracinus . . . . .	25	— choliba . . . . .	204
— brasiliensis . . . . .	24	— cristata . . . . .	205
— guianensis . . . . .	24	— grammica . . . . .	205
NEOPHRON . . . . .	12	— gymnopoda . . . . .	203
Neophron percnopterus . . 12, 13		— hendersonii . . . . .	199
— pileatus . . . . .	14	— lempiji . . . . .	200
NYCTALE . . . . .	175	— leucotis . . . . .	202
Nyctale acadica . . . . .	176	— lophotes . . . . .	204
— harrisi . . . . .	178	— M'Callii . . . . .	200
— richardsoni . . . . .	176	— magica . . . . .	203
— siju . . . . .	177	— mantis . . . . .	201
— tengmalmi . . . . .	175	— megalotis . . . . .	202
NYCTEA . . . . .	194	— menadensis . . . . .	202
Nyctea nivea . . . . .	194	— novæ-zelandiæ . . . . .	202
OTOGYPS . . . . .	8	— nudipes . . . . .	203
Otogyps auricularis . . . . .	8	— rufescens . . . . .	201
— calvus . . . . .	8	— rutila . . . . .	204
PANDION . . . . .	63	— senegalensis . . . . .	199
Pandion carolinensis . . . . .	64	— trichopsis . . . . .	201
— haliaëtus . . . . .	63	— zorca . . . . .	197
— leucocephalus . . . . .	65	SCOTOPELIA . . . . .	197
PERNIS . . . . .	129	Scotopelia peli . . . . .	197
Pernis apivorus . . . . .	129	SPILORNIS . . . . .	44
— cristata . . . . .	131	Spilornis bacha . . . . .	44
PHODILUS . . . . .	183	— holospilus . . . . .	45
Phodilus badius . . . . .	183	SPIZAËTUS . . . . .	67
POLIORNIS . . . . .	125	Spizaëtus albescent . . . . .	68
Poliornis indicus . . . . 125, 222		— alboniger . . . . .	71
— liventer . . . . .	126	— braccatus . . . . .	68
— pyrrhogenys . . . . .	126	— caligatus . . . . .	70
— teesa . . . . .	125	— cirrhatus . . . . .	69
POLYBOROIDES . . . . .	143	— coronatus . . . . .	68
Polyboroides radiatus . . . . 143		— hastatus . . . . .	72
POLYBORUS . . . . .	18	— isidori . . . . .	72
Polyborus ambustus . . . . .	19	— kieneri . . . . .	71
— tharus . . . . .	18	— limnaëtus . . . . .	71
ROSTRHAMUS . . . . .	136	— melanoleucus . . . . .	73
Rostrhamus sociabilis . . . . 136		— nipalensis . . . . .	69
— uncinatus . . . . .	136	— occipitalis . . . . .	72
SAGITTARIUS . . . . .	144	— ornatus . . . . .	67
Sagittarius secretarius . . . . 144		— spilogaster . . . . .	73
SARCORHAMPHUS . . . . .	4	— tyrannus . . . . .	69
Sarcorhamphus gryphus . . . . 4		STRIGIDÆ . . . . .	158
— papa . . . . .	5	STRIX . . . . .	178
SCOPS . . . . .	197	Strix candida . . . . .	181
Scops asio . . . . .	199	— capensis . . . . .	182

	Page		Page
<i>Strix castanops</i> . . . . .	181	<i>Syrnium niviculum</i> . . . . .	187
— <i>cayennensis</i> . . . . .	183	— <i>perspicillatum</i> . . . . .	193
— <i>delicatula</i> . . . . .	180	— <i>philippense</i> . . . . .	191
— <i>flammea</i> . . . . .	178	— <i>selo-puto</i> . . . . .	191
— <i>javanica</i> . . . . .	180	— <i>uralense</i> . . . . .	189
— <i>leucomanna</i> . . . . .	182	— <i>virgatum</i> . . . . .	193
— <i>novæ hollandiæ</i> . . . . .	181	<i>THRASAËTUS</i> . . . . .	26
— <i>perlata</i> . . . . .	180	<i>Thrasaëtus harpyia</i> . . . . .	26
— <i>poensis</i> . . . . .	182	<i>TINNUNCULUS</i> . . . . .	95
— <i>pratincola</i> . . . . .	179	<i>Tinnunculus alaudarius</i> . . . . .	95
— <i>punctatissima</i> . . . . .	182	— <i>cenchrus</i> . . . . .	97
— <i>tenebriosa</i> . . . . .	182	— <i>cenchroides</i> . . . . .	98
<i>SURNIA</i> . . . . .	183	— <i>cinnamominus</i> . . . . .	100
<i>Surnia choucou</i> . . . . .	185	— <i>dominicensis</i> . . . . .	100
— <i>funerea</i> . . . . .	183	— <i>gracilis</i> . . . . .	101
— <i>nisuella</i> . . . . .	185	— <i>moluccensis</i> . . . . .	96
<i>SYRNIUM</i> . . . . .	186	— <i>punctatus</i> . . . . .	98
<i>Syrnium albogulare</i> . . . . .	192	— <i>rupicoloides</i> . . . . .	98
— <i>aluco</i> . . . . .	186	— <i>rupicolus</i> . . . . .	97
— <i>cinereum</i> . . . . .	188	— <i>sparveroides</i> . . . . .	100
— <i>fasciatum</i> . . . . .	192	— <i>sparverius</i> . . . . .	99
— <i>fuscescens</i> . . . . .	190	<i>URRUA</i> . . . . .	218
— <i>hylophilus</i> . . . . .	192	<i>Urrua coromanda</i> . . . . .	218
— <i>indranee</i> . . . . .	191	<i>VULTURIDÆ</i> . . . . .	1
— <i>lapponicum</i> . . . . .	188	<i>VULTUR</i> . . . . .	6
— <i>leptogrammicum</i> . . . . .	193	<i>Vultur cinereus</i> . . . . .	6
— <i>myrtha</i> . . . . .	193	— <i>chincou</i> . . . . .	7
— <i>nebulosum</i> . . . . .	189	— <i>monachus</i> . . . . .	7



# ORNITHOLOGICAL SYNONYMS.

## VULTURIDÆ.

Genus **CATHARTES**, *Illiger*. 1811.

1. **CATHARTES AURA**, (Linnæus) 1766.—Mus. Strickland, No. 1.  
Peale, Brit., Edinb., Munich.

Urubū, *Marcgrave*, Hist. Braz. p. 207.

*Vultur braziliensis*, *Briss.* Orn. i. p. 468.

**V. aura**, *Linn.* Syst. Nat. p. 122.—*Gmel.* Syst. Nat. p. 246.—*Lath.* Syn. i. p. 9. Supp. i. p. 2; Ind. Orn. p. 4; Gen. Hist. i. p. 12. pl. 3.—*Penn.* Arct. Zool. i. p. 221.—*Bartr.* Trav. Carol. p. 285.—*Vieill.* Ois. Am. Sept. pl. 2 bis.—*Ord*, (Wils.) Am. Orn. pl. 75. f. 1.—*Audub.* Edinb. New Phil. Journ. ii. p. 172.—*Shaw*, Zool. vii. p. 36.—*Darw.* Journ. Res. p. 68.—*Wagl.* Isis, 1831, p. 517. — *Sells*, Proc. Zool. Soc. pt. 5. p. 33; Mag. Nat. Hist. ser. 2. i. p. 638.—*Ledru*, Voy. Ténérif. Trinit. &c. ii. p. 264.

**V. iota**, *Molin.* St. Chil. p. 265.—*Gmel.* Syst. Nat. p. 247.—*Daud.* Tr. Orn. ii. p. 20.—*Lath.* Gen. Hist. i. p. 15. A.

**V. aura** β, *Lath.* Ind. Orn. p. 5.

**V. sacer**, *Bartr.* Trav. Carol. p. 285.—*Meyer*, Zool. Ann. i. p. 288.

**Cathartes aura**, *Illig.* Prod. Syst. p. 236. — *Cuv.* Règ. An. ed. 1. i. p. 308; ed. 2. i. p. 317.—*Spix*, Av. Braz. i. p. 2. — *Vig.* Zool. Journ. ii. p. 384.—*Less.* Man. Orn. i. p. 73; Tr. Orn. p. 28 (exc. syn.). — *Bonap.* Ann. Lyc. N. York, ii. p. 23; Isis, 1832, p. 1135; List Eur. & N. Am. B. p. 1.

— *Richards. & Swains.* Faun. Bor. Am. ii. p. 4. — *Jard.* (Wils.) Am. Orn. iii. p. 226. — *James.* (Wils.) Am. Orn. i. p. 3 ; iv. p. 245. — *Brewer,* (Wils.) Synop. p. 682. — *Audub.* Am. B. pl. 151 ; Orn. Biog. ii. p. 339 ; Synop. B. N. Am. p. 2. — *Nutt.* Man. Orn. U. S. & Canad. i. p. 43. — *Swains.* Classif. B. ii. p. 205. — *Darw.* Zool. Beag. pt. 3. p. 8. — *Gray,* Gen. B. p. 1 ; ed. 2. p. 1 ; fol. sp. 2 ; List B. Brit. Mus. p. 3 ; List Gen. & Subgen. Brit. Mus. p. 2. — *De Kay,* Zool. N. York, ii. p. 2. pl. 5. f. 12. — *Gosse,* B. Jam. p. 1. — *Peale,* U. S. Explor. Exp. viii. p. 58. — *Reichenb.* Prakt. Nat. Vög. p. 26. — *Kerr,* Transl. Gmel. ii. p. 472. — *Max.* Beitr. iii. p. 64. — *Rich. Schomb.* Faun. Brit. Guian. p. 742. — *Caban.* (Tschudi) Av. Consp. Wieg. Arch. 1844, p. 262 ; Faun. Per. Orn. p. 71. — *D'Orbig.* Synop. Av. Mag. Zool. p. 2 ; Voy. Am. Merid. Ois. p. 38 ; (R. de la Sagra) Hist. Nat. Cuba, Ois. p. 4. — *Licht.* Verz. Doubl. p. 63. — *Hartl.* Syst. Ind. Azar. Pax. p. 1.

*C. ruficollis*, *Spix*, Av. Braz. i. p. 2 (quot. Catesby, pl. 6).

*C. iota*, *Bridg.* Proc. Zool. Soc. pt. 11. p. 108 ; Ann. Nat. Hist. xiii. p. 498.

*Catharista aura*, *Vieill.* Gal. Ois. pl. 4.

*Pernopterus aura*, *Steph.* Zool. xiii. pt. 2. p. 7.

*Buteo specie Gallopavonis*, *Catesb.* Carol. i. pl. 6.

*Acabiráy*, *Azar.* Pax. Par. no. 3.

*Habitat.*—Whole of S. America. Brazil, La Plata, Chili, Falkland Islands. N. America. Fur Country to lat. 54° N. (summer) United States (summer). W. Indies. Jamaica.

## 2. CATHARTES ATRATUS, (Bartram) 1792.—Mus. Brit., Edinb., Jard., Peale.

*Vultur atratus*, *Bartr.* Trav. Carol. p. 285. — *Meyer,* Zool. Ann. i. p. 290. — *Ord,* (Wils.) Am. Orn. pl. 75. f. 2. — *Audub.* Am. B. pl. 106. — *Brewst.* Ed. Journ. Sc. ser. 1. vi. p. 156.

*V. aura*, *Daud.* Tr. Orn. ii. p. 19 (quot. Pl. Enl. 187).

*V. urubū*, *Vieill.* Ois. Am. Sept. pl. 2. — *Lath.* Gen. Hist. i. p. 14.

*V. aura niger* β, *Kerr,* Trans. Gmel. p. 473.

*V. iota*, *Jard.* (Wils.) Am. Orn. iii. p. 236. — *Ord,* (Wils.) Am. Orn. ed. 2.

*Neophron iota*, *Cuv.* Règ. An. ed. 2. i. p. 317.

*Catharista* —, *Vieill.* Anal. Orn. p. 22.

**Cathartes fœtens**, *Illig.* Mus. Berol. — *Licht.* Verz. Doubl. p. 63. — *Gray*, Gen. B. sp. 1. pl. 1. f. 3. — *Max.* Beitr. iii. p. 58. — *Rich. Schomb.* Faun. Brit. Guian. p. 742. — *Caban.* (Tschudi) Av. Consp. Wieg. Arch. 1844, p. 262; Faun. Per. Orn. p. 71. — *Hartl.* Syst. Ind. Azar. Pax. p. 1.

**C. iota**, *Bonap.* Ann. Lyc. N. York, p. 23; Isis, 1832, p. 1135; List Eur. & N. Am. B. p. 1. — *King*, Voy. Beag. i. p. 532. — *Nutt.* Man. Orn. U. S. & Canad. i. p. 46. — *Peale*, U. S. Explor. Exp. viii. p. 59.

**C. atratus**, *Less.* Man. Orn. i. p. 73. — *Richards.* & *Swains.* Faun. Bor. Am. ii. p. 6. — *Darw.* Journ. Res. p. 68; Zool. Beag. pt. 3. p. 7. — *Temm.* Tab. Meth. p. 1. — *Swains.* Classif. B. ii. p. 206. — *James.* (Wils.) Am. Orn. i. p. 10. — *Brewer.* (Wils.) Synop. p. 682. — *Audub.* Synop. B. Am. p. 3. — *Bridg.* Proc. Zool. Soc. pt. 11. p. 108; Ann. Nat. Hist. xiii. p. 498. — *Bonap.* Consp. Av. p. 9. — *De Kay*, Zool. N. York, ii. p. 3. — *Reichenb.* Prakt. Nat. Vög. p. 27.

**C. urubû**, *Less.* Tr. Orn. p. 27 (exc. syn.). — *D'Orbig.* Voy. Am. Merid. Ois. p. 31. pl. 1.

**Percnopterus urubû**, *Steph.* Zool. xiii. p. 7. pl. 31.

**Vautour du Brésil**, *Buff.* Pl. Enl. 187.

**Irubû**, *Azar.* Pax. Par. i. p. 19. no. 2.

*Habitat.*—S. of N. America. W. of Rocky Mountains to lat. 48°. N. of S. America. E. of Andes to lat. 41° S.

### 3. CATHARTES CALIFORNIANUS, (Shaw) 1797.—Mus. Brit., Zool. Soc.

**Vultur californianus**, *Shaw*, Nat. Misc. ix. pl. 301; Zool. vii. p. 10. — *Lath.* Syn. Supp. ii. p. 3; Ind. Orn. Supp. p. 2; Gen. Hist. i. p. 7. — *James.* (Wils.) Am. Orn. iv. p. 259. — *Dougl.* Zool. Journ. iv. p. 328; Isis, 1831, p. 110. — *Reichenb.* Prakt. Nat. Vög. p. 18.

**Cathartes californianus**, *Cuv.* Règ. An. ed. 2. i. p. 316. — *Bonap.* Ann. Lyc. N. York, ii. p. 22; Isis, 1832, p. 1135; List Eur. & N. Am. B. p. 1; Consp. Av. p. 9. — *Swains.* Classif. B. ii. p. 206. — *Ranz.* Elem. di Zool. iii. p. 23. — *Gray*, Gen. B. sp. 3. pl. 2. — *De Kay*, Zool. N. York, ii. p. 3. — *Nutt.* Man. Orn. U. S. & Canad. i. p. 39. — *Audub.* Am. B. pl. 426; Orn. Biog. v. p. 240; Synop. B. Am. p. 2. — *Brewer.* (Wils.) Synop. p. 832. — *Peale*, U. S. Explor. Exp. viii. p. 58. — *Kaup*, Thierr. p. 229.

**C. vulturinus**, *Temm.* Pl. Col. 31. — *Less.* Man. Orn. vii. p. 10.

*Catharista californianus*, *Gray*, List B. Brit. Mus. p. 4.

*Sarcorhamphus californianus*, *Steph.* Zool. xiii. p. 6.—*Fig.* Zool. Journ. ii. p. 375.—*Richards.* Faun. Bor. Am. ii. p. 1.  
—*Licht.* Orn. Californ. p. 8. pl. 1 (Akad. d. Wissen. Berl. p. 424).

*Buzzard*, *Lewis & Clarke*, Trav. iii. p. 48.

*Gypagus*, *Vieill.* Gal. Ois. i. p. 11.

*Habitat.*—S.W. parts of N. America. California (resid.) to lat. 49° N. (summer).

Genus **SARCORHAMPHUS**, *Duméril*. 1806.

4. **SARCORHAMPHUS GRYPHUS**, (*Linnaeus*) 1766. — Mus. Strickland, No. 2. Brit., Vienna.

*Vultur gryphus*, *Briss.* Orn. i. p. 473.—*Linn.* Syst. Nat. p. 121.  
—*Gmel.* Syst. Nat. p. 245.—*Molin.* St. Chil. p. 266.—*Lath.* Ind. Orn. p. 1; Syn. i. p. 4; Supp. i. p. 1; Supp. ii. p. 1. pl. 120;  
Gen. Hist. i. p. 4. pl. 1.—*Daud.* Tr. Orn. ii. p. 8.—*Shaw*, Mus. Lev. ii. p. 1. pl. 61.—*Humb.* Rec. d'Ob. Zool. p. 26. pl. 8.—*Wolf*, Abbild. merkw. Gegenst. pl. 1.—*Cuv.* Règ. An. ed. 1. i. p. 306; ed. 2. i. p. 316.—*Yarr.* Linn. Tr. xvi. pl. 17. f. 5 (anat.).—*Klein*, Av. Prod. p. 45. — *Kerr*, Trans. Gmel. ii. p. 469.

*V. magellanicus*, *Shaw*, Mus. Lev. pl. 1 (fem.).

*V. condor*, *Shaw*, Zool. vii. p. 2. pl. 2, 3, 4.

*Sarcorhamphus gryphus*, *Dumér.* Zool. Anal. p. 32.—*Steph.* Zool. xiii. p. 6.—*Fig.* Zool. Journ. ii. p. 375.—*Less.* Man. Orn. i. p. 71. — *Benn.* Gard. Zool. Soc. ii. p. 1. — *Kaup*, *Thierr.* Vög. p. 226.—*Darw.* Zool. Beag. pt. 3. p. 3.—*Bonap.* List Eur. & N. Am. B. p. 1; Consp. Av. p. 9.—*King*, Voy. Beag. i. pp. 185, 532.—*Bridg.* Proc. Zool. Soc. pt. 11. p. 108; Ann. Nat. Hist. xiii. p. 498.—*Gray*, Gen. B. p. 1; ed. 2. p. 1; fol. sp. 1. pl. 1. f. 4; List B. Brit. Mus. p. 2; Gen. & Subgen. Brit. Mus. p. 2.—*Reichenb.* Prakt. Nat. Vög. p. 21. pl. 1. f. 3.

*S. condor*, *Less.* Tr. Orn. p. 25. pl. 7.—*Swains.* Classif. B. ii. p. 205.—*Caban.* (Tschudi) Av. Consp. Wieg. Arch. 1844, p. 262; Faun. Per. Orn. p. 59.—*D'Orbig.* Synop. Av. Mag. Zool. p. 1; Voy. Am. Merid. Ois. p. 17.

*Gypagus condor*, *Vieill.* Gal. Ois. i. p. 11.

*Cathartes gryphus*, *Temm.* Pl. Col. 133, 408, 494. — *Bonap.* Ann. Lyc. N. York, ii. p. 23 ; *Isis*, 1832, p. 1135 ; *Am. Orn.* pt. 4. pl. 1. p. 1 (juv.). — *Nutt.* Man. Orn. U. S. & Canad. i. p. 35.

Condor, *Buff.* Ois. ed. Sonn. i. p. 184.

*Habitat.*—S.W. of N. America (accidental). S. America. Andes, from lat. 8° N. to Magellan Straits.

5. **SARCORHAMPHUS PAPA**, (Linnæus) 1766. — *Mus. Brit.*, Munich.

*Vultur rex vulturum*, *Briss.* Orn. i. p. 470. pl. 36.

*Vultur papa*, *Linn.* Syst. Nat. p. 122. — *Gmel.* Syst. Nat. p. 246. — *Lath.* Ind. Orn. p. 4 ; Syn. i. p. 7 ; Supp. ii. p. 7 ; Gen. Hist. ii. p. 9. pl. 2. — *Daud.* Tr. Orn. ii. p. 9. pl. 9. — *Shaw*, Zool. vii. p. 39. pl. 13. — *Geoff.* Bull. Soc. Philom. pt. 4. p. 189 ; Ann. Mus. Hist. Nat. iv. p. 101. — *Cuv.* Règ. An. ed. 1. i. p. 306 ; ed. 2. i. p. 316. — *Kerr*, Trans. Gmel. ii. p. 471.

*V. monachus*, *Klein*, Av. Prod. p. 46 (quot. *Edw.* i. p. 2).

*V. papa A*, *Lath.* Syn. Supp. ii. p. 8 ; Gen. Hist. i. p. 10.

*V. elegans*, *Germ.* Reis. Dalmat.

*Sarcorhamphus papa*, *Dumér.* Zool. Anal. p. 32. — *Steph.* Zool. xiii. pt. 2. p. 6. — *Wiedem.* Arch. Zool. iv. pt. 2. p. 223. — *Vig.* Zool. Journ. ii. p. 384. — *Less.* Man. Orn. i. p. 72 ; Tr. Orn. p. 26. pl. 5. f. 1. — *Swains.* Classif. B. ii. p. 205. — *Benn.* Gard. Zool. Soc. ii. p. 160. — *Bonap.* List Eur. & N. Am. B. p. 1 ; Consp. Av. p. 9. — *Hartl.* Syst. Ind. Azar. Pax. p. 1. — *Robt. Schomb.* Ann. Nat. Hist. ii. p. 255. — *Rich. Schomb.* Reis. Brit. Guian. iii. p. 743. — *Gray*, Gen. B. fol. sp. 2 ; List B. Brit. Mus. p. 3. — *Reichenb.* Prakt. Nat. Vög. p. 20. pl. 1. f. 2. — *Kuhl*, Nom. Syst. p. 8. — *Kaup*, *Thierr.* p. 227. — *Caban.* (Tschudi) Av. Consp. Wieg. Arch. 1844, p. 262 ; Faun. Per. Orn. p. 69. — *D'Orbig.* Synop. Av. Mag. Zool. p. 1 ; Voy. Am. Merid. Ois. p. 28.

*Cathartes papa*, *Illig.* Prod. Mam. et Av. p. 236. — *Spix*, Av. Braz. i. p. 1. pl. 1 ♀. — *Bonap.* Ann. Lyc. N. York, ii. p. 23 ; *Isis*, 1832, p. 1135. — *Temm.* Tab. Meth. p. 1. — *Nutt.* Orn. U. S. & Canad. i. p. 40. — *Max.* Beitr. iii. p. 56.

*Gypagus* —, *Vieill.* Anal. Orn. p. 21.

*G. papa*, *Vieill.* Gal. Ois. pl. 3.

*Urubū*, *Buff.* Pl. Enl. 428.

Iribúrubichá, *Azar.* Pax. Par. i. p. 15. no. 1.

Roi des Vautours, *Levaill.* Ois. Af. pl. 13 (juv.).

Warwouwen or Indian Vulture, *Albin,* B. ii. pl. 4.

King of the Vultures, *Edw.* B. pl. 2.

*Habitat.*—S. part of N. America (accidental). Guiana. Mexico.

Genus **VULTUR**, *Linnaeus.* 1766.

6. **VULTUR CINEREUS**, Gmelin, 1789.—Mus. Brit.

Vultur, *Briss.* Orn. i. p. 453.

**V. cinereus**, *Gmel.* Syst. Nat. p. 247.—*Lath.* Ind. Orn. p. 1 ; Syn. i. p. 14 ; Supp. i. p. 3 ; Supp. ii. p. 3 ; Gen. Hist. i. p. 23.—*Cuv.* Règ. An. ed. 1. i. p. 305 ; ed. 2. i. p. 315.—*Temm.* Man. Orn. pt. 1. p. 4 ; pt. 3. p. 2 ; *Isis*, 1821, p. 861. — *Boié*, *Isis*, 1822, p. 769. — *Vig.* Zool. Journ. ii. p. 384.—*Audouin*, Desc. Egyp. pt. 4. p. 257.—*Rüpp.* Ann. Sc. Nat. ; Nuov. Giorn. Pisa, xxii. pt. 2. p. 202 ; Neue Wirbelth. p. 46.—*Swains.* Classif. B. ii. p. 205.—*Bruch*, *Isis*, 1832, p. 1105. — *Gould*, Eur. B. pl. 2. — *Gray*, Gen. B. p. 1.—*Bailly*, Orn. Sav. i. p. 24.—*Eversm.* Add. Zoog. Ross. As. fasc. iii. p. 4.—*Meyer & Wolf*, Vög. Deutschl. pt. 18 ; Taschenb. deutsch. Vögelk. p. 4. pl. 2.—*Naum.* Vög. Nacht. pl. 49 ; Naturg. Vög. Deutschl. i. pl. 1. p. 156. — *Bechst.* Naturg. Deutschl. ii. p. 196. pl. 8. — *Donnd.* Orn. Beytr. i. p. 7.—*Kaluz.* Orn. Siles. p. 24.—*Benoit*, Orn. Sicil. p. 2. — *Reichenb.* Prakt. Nat. Vög. p. 14.—*Klein*, Av. Prod. p. 44. — *Kerr*, Trans. Gmel. ii. p. 473.—*Kuhl*, Nom. Syst. p. 8.—*Schemb.* Quad. Geog. p. 1.—*Kaup*, Thierr. p. 230.

**V. vulgaris**, *Daud.* Tr. Orn. ii. p. 17.

**V. arrianus**, *Daud.* Tr. Orn. ii. p. 18.—*Less.* Tr. Orn. p. 21. pl. 5. f. 2.—*Temm.* Tab. Meth. p. 1.

**V. niger**, *Licht.* Verz. Doubl. p. 62.—*Vieill.* Gal. Ois. pl. 1 ; Faun. Franç. p. 2. pl. 1. f. 1.—*Degl.* Mem. Soc. Sc. Lille, 1839, pt. 1. pp. 423, 463 ; 1843, p. 175.—*Naum.* Nat. Vög. Deutschl. pl. 1. f. 1.—*Brehm*, Handb. Vög. Deutschl. p. 9. pl. 2. f. 1.—*Roux*, Orn. Prov. i. pl. 2. p. 4.—*Kerr*, Trans. Gmel. p. 474.

**V. monachus**, *Gray*, Gen. B. sp. 1. pl. 4. f. 2.

**Gyps cinereus**, *Bonap.* List Eur. & N. Am. B. p. 2. — *Mühle*, Orn. Griech. p. 11.—*Keyserl. & Blas.* Wirbelth. Eur. p. 133.



*Ægyptius cinereus*, *Bonap.* Cat. Ucc. Eur. p. 17.

*Æ. niger*, *Gray*, Gen. B. p. 1.—*Savig.* Desc. Egypt. pt. 1. p. 74. pl. 11.

*Polypteryx cinereus*, *Blyth*, Ann. Nat. Hist. xiii. p. 115.

*Vautour*, *Buff.* Pl. Enl. 425.—*Kuhl*, Nom. Syst. p. 8.

*Grand Vautour*, *Buff.* Ois. ed. Sonn. i. p. 158. pl. 5.

*L'Arrian*, *Gerard.* Tab. Elem. Orn. i. p. 11. — *Buff.* Ois. ed. Sonn. ii. p. 128.—*Werner*, Atl. Ois. Eur.

*Habitat.*—S. of Europe. Alps, Pyrenees, Greece. Asia. India, Nepal. Africa. Egypt, Cape of Good Hope.

# 7. VULTUR MONACHUS, Linnæus, 1766.—Mus. Brit.

*Vultur arabicus*, *Briss.* Orn. vi. App. p. 29.

*V. monachus*, *Linn.* Syst. p. 122.—*Gmel.* Syst. p. 246.—*Lath.* Ind. Orn. p. 5; Syn. i. p. 8; Supp. ii. p. 8; Gen. Hist. i. p. 30.—*Shaw*, Zool. vii. p. 19. pl. 7, 8, 9.—*Cuv.* Règ. An. ed. 1. i. p. 305, ed. 2. i. p. 315.—*Steph.* Zool. xiii. p. 5.—*Daud.* Tr. Orn. ii. p. 15. — *Less.* Tr. Orn. p. 24. — *Rüpp.* Ann. Sc. Nat.; Nuov. Giorn. Pisa, xxii. pt. 2. p. 201.—*Swains.* Classif. B. ii. p. 205.—*Bonap.* Cons. Av. p. 11.

*V. imperialis*, *Temm.* Pl. Col. 426.—*Cuv.* Règ. An. ed. 2. i. p. 315.—*Gray*, Gen. B. sp. 2.

*Crested Black Vulture*, *Edw.* Glean. ii. p. 171. pl. 290.

*Habitat.*—Europe. Xanthus (*Fellows*), B.M. S. Asia. India, Himalaya. Nepal (*Hodgson*, *Blyth*). S. Africa (*Levaillant*).

# 8. VULTUR CHINCOU, Daudin, 1800.—Mus. Brit.

*Chincou*, *Levaill.* Ois. Af. pl. 12.—*Lath.* Gen. Hist. i. p. 31.

*Vultur chincou*, *Daud.* Tr. Orn. ii. p. 12.

*V. occipitalis*, *Burch.* Trav. Af. ii. pp. 310, 329.—*Rüpp.* Zool. Journ. iv. p. 391; Nuov. Giorn. Pisa, xxii. pt. 2. p. 204; Ann. Sc. Nat.; Neue Wirbelth. pp. 43, 48; Syst. übers. p. 10.—*Cretsch.* (Rüpp.) Atl. Reis. Nörd. Af. pl. 22.—*Temm.* Pl. Col. 13; Tab. Meth. p. 1.—*Gray*, Gen. B. sp. 3; List B. Brit. Mus. p. 5.

*V. monachus*, *Vig.* Zool. Journ. ii. p. 376.

*V. galericulatus*, *Less.* Man. Orn. i. p. 71; Tr. Orn. pp. 23, 645. — *Swains.* Classif. B. ii. p. 205. — *Pucher.* Rev. Zool. 1850, p. 208.

**Abyssinian Vulture**, *Lath.* Gen. Hist. i. p. 31.

*Habitat.*—Africa. Caffraria, Guinea, Abyssinia. India? (*Lesson*).  
China (*Levaillant*)?

Genus **OTOGYPS**, *Gray*. 1841.

9. **OTOGYPS AURICULARIS**, (*Daudin*) 1800.—*Mus. Brit.*, Zool. Soc., Jard., Leyden, Frankfort.

*Oricou*, *Levaill.* Ois. Af. pl. 9.

*Vultur auricularis*, *Daud.* Tr. Orn. ii. p. 10.—*Lath.* Ind. Orn. Supp. p. 1; Syn. Supp. ii. p. 11; Gen. Hist. i. p. 20.—*Temm.* Pl. Col. 407; Man. Orn. pt. 4. p. 585.—*Cuv.* Règ. An. ed. 2. i. p. 315.—*Less.* Tr. Orn. p. 22.—*Benn.* Proc. Comm. Zool. Soc. pt. 1. p. 66; Gard. Zool. Soc. ii. p. 105.—*Smith*, Proc. Comm. Zool. Soc. pt. 1. p. 45.—*Swains.* Classif. B. i. p. 47, ii. p. 205.—*Gray*, Gen. B. p. 1.—*Bonap.* Cat. Ucc. Eur. p. 18; Rev. Zool. 1841, p. 145.—*Barthel.* Att. Scienz. Ital. 1841, p. 327.—*Reichenb.* Prakt. Nat. Vög. p. 16.

*V. auriculatus*, *Shaw*, Zool. vii. p. 24. pl. 10. — *Steph.* Zool. xiii. pt. 2. p. 5.

*V. tracheliotus*, *Wolf*, Abbild. merkw. Gegenst. pl. 5.

*V. nubicus*, *Smith*, Griff. Cuv. vi. p. 164.

*V. ægyptius*, *Cuv.* Règ. An. ed. 2. i. p. 315 (juv.).—*Less.* Man. Orn. i. p. 70 (juv.).—*Rüpp.* Ann. Sc. Nat.; Nuov. Giorn. Pisa, xxii. pt. 2. p. 201; Neue Wirbelth. p. 47.

*Ægyptius*, *Savig.* Ois. Egyp. pl. 11 (juv.).

*Otogyps auricularis*, *Gray*, Gen. B. ed. 2. p. 2; fol. sp. 1. pl. 4. f. 3; List B. Brit. Mus. p. 5; Gen. & Subgen. Brit. Mus. p. 1.

*Otogyps nubicus*?, *Rüpp.* Syst. übers. p. 10.

*Habitat.*—Africa. Cape of Good Hope, Egypt. S. Europe. Greece.

10. **OTOGYPS CALVUS**, (*Scopoli*) 1786.—*Mus. Strickland*, No. 3. Brit., Paris, Leyden.

*Vultur calvus*, *Scop.* Del. Faun. Ins. pt. 2. p. 85.

*V. ponticerianus*, *Lath.* Ind. Orn. p. 7; Syn. Supp. i. p. 6; Gen. Hist. i. p. 22.—*Shaw*, Zool. vii. p. 25. — *Daud.* Ann. Mus. Hist. Nat. i. p. 285. pl. 20; Tr. Orn. ii. p. 11.—*Temm.* Pl. Col. pl. 2.—*Less.* Man. Orn. i. p. 70; Tr. Orn.

p. 23.—*Cuv. Règ. An. ed. 2. i. p. 315.*—*Sykes, Proc. Comm. Zool. Soc. pt. 2. p. 77 ; Journ. As. Soc. Beng. iii. p. 418.*—*Rüpp. Ann. Sc. Nat. ; Nuov. Giorn. Pisa, xxii. pt. 2. p. 201 ; Neue Wirbelth. p. 47.*—*Swains. Classif. B. ii. p. 205.*—*Jerd. Madr. Journ. x. p. 63.*—*Blyth, Ann. Nat. Hist. xii. p. 93.*—*Gray, Ind. Zool. pl. 15. f. 1 (head).*—*Kerr, Trans. Gmel. ii. p. 476.*

*Otogyps calvus, Gray, Gen. B. fol. sp. 2 ; List B. Brit. Mus. p. 5.*

*Vantour royale de Pondichery, Sonner. Voy. Ind. ii. pl. 104. p. 82.*

*Habitat.*—Bengal, Java, Sumatra, Nepal.

Genus **GYPs**, *Savigny. 1809.*

# 11. GYPs FULVUS, (Gmelin) 1789.—Mus. Brit.

*Vultur fulvus, Briss. Orn. i. p. 462 ; Syn. i. p. 131.*—*Gmel. Syst. Nat. p. 249.*—*Lath. Ind. Orn. p. 6 ; Syn. i. p. 17 ; Gen. Hist. i. p. 17 B.*—*Shaw, Zool. vii. p. 27. pl. 11.*—*Temm. Man. Orn. pt. 1. p. 5, pt. 3. p. 3 ; Tab. Meth. p. 1 ; Isis, 1821, p. 861 ; 1829, p. 1263.*—*Steph. Zool. xiii. pt. 2. p. 5.*—*Daud. Tr. Orn. ii. p. 17.*—*Vieill. Faun. Franç. p. 2. pl. 1. f. 2.*—*Vig. Zool. Journ. ii. p. 384 ; Denh. Trav. Af. App. p. 195.*—*Cuv. Règ. An. ed. 1. i. p. 305, ed. 2. i. p. 315.*—*Less. Tr. Orn. p. 21.*—*Benn. Gard. Zool. Soc. ii. p. 97.*—*Degl. Mem. Soc. Lille, 1831, p. 211 ; 1843, p. 175 ; Orn. Eur. i. p. 6.*—*Rüpp. Ann. Sc. Nat. ; Nuov. Giorn. Pisa, xxii. pt. 2. p. 202 ; Neue Wirbelth. p. 46.*—*Blyth, Journ. As. Soc. Beng. xix. n. s. p. 502.*—*Swains. Classif. B. ii. p. 205.*—*Gould, B. Eur. pl. 1.*—*Bonap. Eur. & N. Am. B. p. 2.*—*Bailly, Orn. Sav. i. p. 21.*—*Eversm. Addend. Pall. Zoog. Ross. As. iii. p. 5.*—*Roux, Orn. Prov. i. p. 3. pl. 5.*—*Naum. Naturg. Vög. Deutschl. i. p. 162. pl. 2.*—*Brehm, Vög. Deutschl. p. 9. pl. 2.*—*Donnd. Orn. Beitr. i. p. 10.*—*Reichenb. Prakt. Nat. Vög. p. 9. pl. 1. f. 1.*—*Kerr, Trans. Gmel. ii. p. 474.*—*Kaup, Thierr. p. 231.*

*V. percnopterus, Daud., Borkh. Teutsche Orn. pl. 55.*

*V. castaneus, Shaw, Zool. vii. pl. 12.*

*V. vulgaris, Vieill. Nouv. Dict. Hist. Nat. xxxv. p. 251.*—*Degl. Mem. Soc. Sc. Lille, 1839, pp. 424, 461.*

*V. trencalos, Bechst. Naturg. Deutschl. ii. p. 491.*

**V. indicus**, *Temm.* Pl. Col. 26.—*Less.* Man. Orn. i. p. 70 ; Tr. Orn. p. 23.—*Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 77 ; Journ. As. Soc. Beng. iii. p. 418.—*Swains.* Classif. B. ii. p. 205.

**V. chasseur**, *Rüpp.* Ann. Sc. Nat. ; Neue Wirbelth. pp. 43, 47 ; Nuov. Giorn. Pisa, xxii. pt. 1. p. 203.

**Gyps vulgaris**, *Savign.* Desc. Egypt. pt. 1. p. 71.

**G. fulvus**, *Gray*, Gen. B. p. 1 ; ed. 2. p. 1 ; fol. sp. 1. pl. 4. f. 1 ; List B. Brit. Mus. p. 6 ; Gen. & Subgen. Brit. Mus. p. 1.—*Bonap.* Cat. Ucc. Eur. p. 17 ; Consp. Av. p. 10.

**Pernoptère**, *Buff.* Pl. Enl. 426.—*Kuhl*, Nom. Syst. p. 8.

**Griffon**, *Buff.* Ois. i. pl. 5 (nec desc.).

**Vulture**, *Albin*, B. iii. pl. 1.

*Habitat.*—S. of Europe. Alps, Pyrenees, Albania. Africa. Egypt, Morocco, Cape of Good Hope. Asia. Himalaya.

11a. **GYPS KOLBII**, (Daudin) 1800.—Mus. Brit. (as *G. fulvus*).

**Chassefiente**, *Levaill.* Ois. Af. pl. 10.

**Vultur kolbii**, *Daud.* Tr. Orn. ii. p. 15. — *Lath.* Ind. Orn. Supp. p. 1 ; Syn. Supp. ii. p. 12 ; Gen. Hist. i. p. 19.—*Cretzschm.* (Rüpp.) Atl. Reis. Nörd. Af. pl. 32.—*Rüpp.* Neue Wirbelth. p. 46 ; Ann. Sc. Nat. ; Nuov. Giorn. Pisa, xxii. pt. 2. p. 203.—*Bonap.* Eur. & N. Am. B. p. 2 ; Consp. Av. p. 10.—*Reichenb.* Prakt. Nat. Vög. p. 17.

**V. percnopterus**, *Pall.* Zoog. Ross. As. i. p. 375.

**V. fulvus**, *Less.* Tr. Orn. p. 645 (adult).

**Gyps vulgaris**, *Savign.* Ois. Egypt. p. 11. — *Bonap.* Cat. Ucc. Eur. p. 17.

*Habitat.*—S. Europe. Africa. Asia.

12. **GYPS RÜPPELLI**, Bonaparte, 1850.—Mus.

**Gyps Rüppelli**, *Bonap.* Rev. & Mag. Zool. 1850, p. 477 ; 1855, p. 75.

**G. magnificus**, *Müll.* Ois. Af. pl. 5.

**G. vulgaris**, *Bonap.* Consp. Av. p. 10.

*Habitat.*—Africa. Egypt, Chartum, Sennaar (*Müller*).

13. **GYPS INDICUS**, (Scopoli) 1786.—Mus. Strickland, No. 4. Brit. (as *G. bengalensis*).

**Vultur indicus**, *Scop.* Del. Faun. Ins. pt. 2. p. 85.—*Lath.* Ind.

Orn. p. 7 ; Syn. Supp. i. p. 6. sp. 22 ; Gen. Hist. i. p. 26.—*Daud.* Tr. Orn. ii. p. 12.—*Shaw*, Zool. vii. p. 26.—*Kerr*, Trans. Gmel. ii. p. 476.

*V. kolbii* ?, *Blyth*, Ann. Nat. Hist. xiii. p. 115.

*V. tenuiceps*, *Hodgs.* Cat. Gray, Zool. Misc. p. 81.

*Gyps tenuirostris*, *Gray*, List B. Brit. Mus. (1844) p. 4, (1848) p. 7 ; Gen. B. fol. sp. 3. pl. 3.

*G. indicus*, *Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 503 ; Cat. Mus. E. I. C. i. p. 4.—*Bonap.* Consp. Av. p. 10.

Grand Vautour des Indes, *Sonner.* Voy. Ind. pl. 105.

*Habitat.*—S. Asia. India, Nepal.

14. **GYPs BENGALENSIS**, (Gmelin) 1789. — Mus. Strickland, No. 5. Brit.

*Vultur bengalensis*, *Gmel.* Syst. Nat. p. 245.—*Shaw*, Zool. vii. p. 30.—*Steph.* Zool. xiii. p. 5.—*Temm.* Pl. Col. sub pl. 426.—*Gray*, Ind. Zool. pl. 15.—*Sykes*, Proc. Comm. Zool. Soc. pt. 1. p. 78 ; Journ. As. Soc. Beng. iii. p. 418.—*Hutt.* Journ. As. Soc. Beng. vi. p. 112.

*V. leucocephalus*  $\beta$ , *Lath.* Ind. Orn. p. 3.

*V. chaugoun*, *Daud.* Tr. Orn. ii. p. 14.

*V. leuconotus*, *Gray*, Ind. Zool. i. pl. 14.—*Blyth*, Ann. Nat. Hist. xii. p. 93.—*Reichenb.* Prakt. Nat. Vög. p. 18.

*V. indus*, *Less.* Bélange. Voy. p. 211.

*V. indicus*, *Rüpp.* Neue Wirbelth. p. 47.

*Gyps bengalensis*, *Gray*, List B. Brit. Mus. 1844, p. 3 ; 1848, p. 6 (syns. exc.); Gen. B. fol. sp. 2.—*Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 504.—*Tick.* Journ. As. Soc. Beng. xvii. p. 298.—*Rüpp.* Syst. übers. p. 1 ; Cat. Mus. E. I. C. i. p. 4.

*Chaugoun*, *Levaill.* Ois. Af. pl. 11.

*Chaugoun Vulture*, *Lath.* Syn. Supp. ii. p. 13 ; Gen. Hist. i. p. 32.

*Bengal Vulture*, *Lath.* Syn. i. p. 19. pl. 1 ; Supp. i. p. 3 ; Gen. Hist. i. p. 24. pl. 4.

*Alpine Vulture*, var., *Lath.* Gen. Hist. i. p. 18 (desc. ult.).

*Habitat.*—S. Asia. India, Candahar. Africa. Sennaar (*Rüppell*).

Genus **NEOPHRON**, *Savigny*. 1809.

- 15 **NEOPHRON PERCNOPTERUS**, (Linnaeus) 1766.—*Brit. Mus.*, E. Ind. Comp., Jard., A. Mathew, (Brit. spec.).
- Vultur ægyptius*, *Briss.* Orn. i. p. 457. — *Gmel.* Syst. Nat. p. 249.
- V. percnopterus ægyptius*  $\beta$ , *Kerr*, Trans. Gmel. ii. p. 475.
- V. fuscus*, *Briss.* Orn. i. p. 455.—*Gmel.* Syst. Nat. p. 248.—*Lath.* Ind. Orn. p. 5 ; Syn. i. p. 15 ; Gen. Hist. i. p. 22.—*Daud.* Tr. Orn. ii. p. 18.
- V. leucocephalus*, *Briss.* Orn. i. p. 466. — *Gmel.* Syst. Nat. p. 248.—*Daud.* Tr. Orn. ii. p. 27.—*Lath.* Ind. Orn. p. 2 ; Syn. i. p. 13 ; Supp. ii. p. 4 ; Gen. Hist. i. p. 25.—*Meyer*, Taschenb. deutsch. Vögelk. p. 7.
- V. percnopterus*, *Linn.* Syst. Nat. p. 123.—*Gmel.* Syst. Nat. p. 249. — *Lath.* Ind. Orn. p. 2 ; Syn. i. p. 12 ; Supp. i. p. 3 ; Supp. ii. p. 4 ; Gen. Hist. i. p. 16.—*Daud.* Tr. Orn. ii. p. 13. — *Shaw*, Zool. vii. p. 33. — *Donnd.* Orn. Beytr. i. p. 10. — *Temm.* Cat. Syst. Cab. p. 6. — *Browne*, Trav. Af. (ed. 2) p. 301. — *Kerr*, Trans. Gmel. ii. p. 474. — *Kaup*, Thierr. p. 229.
- V. percnopterus*  $\beta$ , *Lath.* Ind. Orn. p. 2 ; Syn. i. p. 13 ; Gen. Hist. i. p. 16 A.
- V. fulvus*, *Bodd.* Tab. Pl. Enl.
- V. ginginianus*, *Lath.* Ind. Orn. p. 7 ; Syn. Supp. i. p. 7 ; Gen. Hist. i. p. 27. pl. 5.—*Daud.* Tr. Orn. ii. p. 20.—*Shaw*, Zool. vii. p. 32.—*Kerr*, Trans. Gmel. ii. p. 476.
- V. albus*, *Daud.* Tr. Orn. ii. p. 21.
- V. meleagris*, *Pall.* Zoog. Ross. As. i. p. 377.
- V. stercorarius*, *Lapeyr.* Neue Schwed. Abhand.
- Neophron percnopterus*, *Savig.* Desc. Eryp. pt. 1. p. 76.—*Blyth*, Cat. B. Mus. As. Soc. Calcut. p. 33 ; Journ. As. Soc. Beng. xix. n.s. p. 504 ; Ann. Nat. Hist. xii. p. 93.—*Moquin-Tandon*, Mem. Ac. Toulouse, ser. 3. ii. p. 121.—*Vieill.* Gal. Ois. pl. 2 ; Faun. Franç. p. 3. pl. 2. f. 1, 2.—*Less.* Man. Orn. i. p. 72 ; Tr. Orn. p. 29. pl. 6. f. 1.—*Cuv.* Règ. An. ed. 2. i. p. 317.—*Michah.* Isis, 1830, p. 886.—*Vig.* Zool. Journ. ii. pp. 380, 384.—*Jard. & Selby*, Ill. Orn. ser. 1. pl. 33.—*Degl.* Mem. Soc. Sc. Lille, 1839 ; Orn. Eur. i. pp. 14, 426 ; 1843, p. 176. — *Selby*, Ill. Brit. Orn. i. p. 4. pl. 33.—*Jenyns*, Brit. Vert. p. 79.—*Eyt.* Rare Brit. B. p. 1.—*Sykes*, Proc. Comm. Zool.



Soc. pt. 2. p. 78 ; Journ. As. Soc. Beng. iii. p. 418.—*Gould*, B. Eur. pl. 3.—*Bonap.* B. Eur. & N. Am. p. 1 ; Cat. Ucc. Eur. p. 17 ; Consp. Av. p. 11. — *Swains.* Classif. B. ii. p. 206.—*Farr.* Brit. B. i. p. 1.—*Gray*, Gen. B. p. 1 ; ed. 2. p. 1 ; fol. sp. 1. pl. 1. f. 2 ; List B. Brit. Mus. p. 7 ; Gen. & Subgen. Brit. Mus. p. 2.—*Roux*, Orn. Prov. pl. 4, 5. p. 7.—*Mühle*, Orn. Griech. p. 9.—*Schemb.* Cat. Orn. Malt. p. 9.—*Malh.* Orn. Sicil. p. 20.—*Keyserl. & Blas.* Wirbelth. Eur. p. 133.—*Reichenb.* Prakt. Nat. Vög. p. 28. pl. 1. f. 4. —*Schemb.* Quad. Geog. p. 1.—*Rüpp.* Syst. übers. p. 9.

*Neophron ? meleagrides*, *Jard. & Selby*, Ill. Orn. sub pl. 33.

*N. ægypticus*, *Smith*, S. Af. Quart. Journ. i. p. 16.

*Cathartes percnopterus*, *Temm.* Man. Orn. pt. 1. p. 8 ; pt. 3. p. 6 ; Tab. Meth. p. 1.—*Baillly*, Orn. Sav. i. p. 28.—*Naum.* Vög. Deutschl. i. p. 170. pl. 3.—*Brehm*, Vög. Deutschl. p. 5. —*Wern.* Atl. Ois. Eur.—*Benoit*, Orn. Sicil. p. 3.—*Meyer*, Zusät. u. Bericht. Deutschl. Vög. p. 2.—*Licht.* Verz. Doubl. p. 63.

*C. meleagrides*, *Temm.* Pl. Col. sub pl. 133.—*Less.* Man. Orn. i. p. 74.—*Kuhl*, Nom. Syst. p. 8.

*Percnopterus ægyptiacus*, *Steph.* Zool. xiii. pt. 2. p. 7.

*P. veterum*, *V. d. Hoev.* Handb. Dierk. ii. p. 816.—*Gmel.* Reise Sib. iii. p. 364. pl. 37.

*Curigourap*, *Levaill.* Ois. Af. pl. 14.

*Rachamah*, *Bruce*, Trav. Abyss. App. p. 163. pl. 33.

*Vautour de Malthe*, *Buff.* Ois. i. p. 161 ; Pl. Enl. 427 (juv.).

*Vautour de Norvège*, *Buff.* Ois. i. p. 164 ; Pl. Enl. 429.—*Kuhl*, Nom. Syst. p. 8.

*Vautour de Gingi*, *Sonner.* Voy. Ind. ii. p. 184.

*Vautour d'Égypte*, *Buff.* Ois. ed. Sonn. ii. p. 131.

*Sacre d'Égypte*, *Buff.* Ois. i. p. 164.

*Le petit Vautour*, *Gerard.* Tab. Elem. Orn. i. p. 10.

*Caporaccajo*, *Savi*, Orn. Tosc. i. p. 6.

*Chocolate Vulture*, *Lath.* Gen. Hist. i. p. 29. desc. 1.

*Armed Vulture*, *Shaw*, vii. p. 44.

*Habitat.*—Europe. Britain (acc.), Norway (acc.), Switzerland, Provence, Spain, Italy, Greece. Asia. Arabia, Persia, Tartary, India, Afghanistan. Africa. Egypt, Barbary, Cape of Good Hope, Morocco. Madeira.

16. **NEOPHRON PILEATUS**, (Burchell) 1822.—Mus. Brit., Paris, Brussels, Leyden, E. Ind. Comp.

*Vultur pileatus*, *Burch.* Trav. Af. ii. p. 195.

*Neophron monachus*, *Cuv.* Règ. An. ed. 1. i. p. 308; ed. 2. i. p. 318.—*Jard. & Selby*, Ill. Orn. ser. 1. sub pl. 33.—*Less.* Man. Orn. i. p. 73.

*N. carunculatus*, *Smith*, S. Af. Quart. Journ. p. 17.

*N. niger*, *Less.* Tr. Orn. p. 29.

*N. pileatus*, *Gray*, List B. Brit. Mus. p. 8; Gen. B. fol. sp. 2.—*Hartl.* Verz. W. Af. Vög. p. 14.—*Rüpp.* Syst. übers. p. 9.

*Cathartes monachus*, *Temm.* Pl. Col. 222.

*Percnopterus monachus*, *Steph.* Zool. xiii. p. 7 (quot. Pl. Col. 222).

*Habitat.*—Africa. Senegal, Cape of Good Hope, Cape Coast Castle.

Genus **GYPOHIERAX**, *Rüppell.* 1835.

17. **GYPOHIERAX ANGOLENSIS**, (Gmelin) 1789.—Mus. Brit. Type from Congo Exp.

*Falco angolensis*, *Gmel.* Syst. Nat. p. 252.

*Vultur angolensis*, *Lath.* Ind. Orn. p. 7; Syn. i. p. 18; Gen. Hist. i. p. 21.—*Shaw*, Mus. Lev. p. 153. pl. 37.—*Temm.* Man. Orn. pt. 1. p. 8.—*Vig.* Zool. Journ. ii. p. 376.—*Gray*, Proc. Comm. Zool. Soc. pt. 1. p. 67.

*V. hypoleucus*, *Jard. & Selby*, Ill. Orn. ser. 2. pl. 13.

*Gypaëtus angolensis*, *Daud.* Tr. Orn. ii. p. 27.

*Polyborus hypoleucus*, *Benn.* Proc. Comm. Zool. Soc. pt. 1. pp. 13, 169 (juv.); Gard. Zool. Soc. ii. p. 303.

*Gypohierax angolensis*, *Rüpp.* Neue Wirbelth. p. 45.—*Gray*, Gen. B. App. p. 1; fol. sp. 1. pl. 4. f. 4; List B. Brit. Mus. p. 8; Gen. & Subgen. Brit. Mus. p. 2.—*Bonap.* Consp. Av. p. 12.—*Hartl.* Verz. W. Af. Vög. p. 14.—*V. d. Hoev.* Handb. Dierk. ii. p. 815.

*Racama angolensis*, *Gray*, Gen. B. p. 1; ed. 2. p. 2.

Angola Vulture, *Penn.* Tour Wales, i. p. 307. pl. 16.

*Habitat.*—Africa. Congo, Fernando Po (*Fraser*).

Genus **GYPAËTUS**, *Storr*. 1784.

18. **GYPAËTUS BARBATUS**, (Linnæus) 1766.—*Mus. Brit.*, E. Ind. Comp., Jard.
- Falco magnus**, *Gmel.* Voy. Sib. iii. pl. 38 ; *Syst. Nat.* p. 252 ; in *Lath. Gen. Hist.* i. p. 36 C.
- F. barbatus**, *Gmel.* *Syst. Nat.* p. 252.
- Vultur aureus**, *Briss.* Orn. i. p. 458.
- V. alpinus**, *Briss.* Orn. i. p. 464.
- V. barbatus**, *Briss.* Orn. vi. App. p. 26. — *Linn.* *Syst. Nat.* p. 123.—*Lath.* Ind. Orn. p. 3 ; *Syn. Supp.* ii. p. 6 ; *Gen. Hist.* i. p. 35.—*Shaw*, Zool. vii. pl. 5, 6.—*Bechst.* *Naturg. Deutschl.* ii. p. 199.
- V. niger**, *Briss.* Orn. i. p. 457. — *Gmel.* *Syst. Nat.* p. 248 (juv.). — *Lath.* Ind. Orn. p. 6 (juv.) ; *Syn.* i. p. 16 ; *Gen. Hist.* i. p. 37.—*Daud.* Tr. Orn. ii. p. 17.—*Shaw*, Zool. vii. p. 31.—*Steph.* Zool. xiii. p. 5.
- V. barbarus**, *Gmel.* *Syst. Nat.* p. 250.—*Lath.* Ind. Orn. p. 3 ; *Syn.* i. p. 11. sp. 6 ; *Gen. Hist.* i. p. 35 A.—*Donnd.* Orn. Beytr. p. 15.
- V. barbatus**  $\beta$ , *Lath.* Ind. Orn. p. 3 ; *Syn.* i. p. 18. sp. 13 ; *Gen. Hist.* i. p. 36 B.
- V. leucocephalus**, *Meyer*, *Tasch. deutsch. Vögelk.* i. p. 9. pl. 3.
- Gypaëtus grandis**, *Storr*.
- G. barbatus**, *Storr*, *Alpenreise*, p. 69.—*Barthél.* Att. Scienz. Ital. 1841, p. 327.—*Temm.* Man. Orn. pt. 1. p. 11, pt. 3. p. 7 ; Pl. Col. 431.—*Vig.* Zool. Journ. ii. p. 384.—*Daud.* Tr. Orn. ii. pl. 10.—*Bruch*, Isis, 1831, p. 404.—*Less.* Man. Orn. i. p. 74.—*Cuv.* Règ. An. ed. 2. i. p. 318.—*Benn.* Gard. Zool. Soc. ii. p. 176.—*Gould*, Eur. B. pl. 4.—*Baldenst.* in Denkschr. Schweiz. Gesellsch. i. p. 86.—*Bonap.* List Eur. & N. Am. B. p. 2 ; Cat. Ucc. Eur. p. 18 ; *Consp. Av.* p. 11.—*Swains.* Classif. B. ii. p. 206.—*Rüpp.* Neue Wirbelth. p. 43.—*Gray*, Gen. B. p. 1 ; ed. 2. p. 1 ; fol. sp. 1. p. 1. pl. 1. f. 1 ; List B. Brit. Mus. p. 1 ; Gen. & Subgen. Brit. Mus. p. 1.—*Gebler*, Bull. Sc. Ac. Petersb. vi. pp. 293, 295.—*Bailly*, Orn. Sav. p. 37.—*Brehm*, Vög. Deutschl. p. 12.—*Naum.* Naturg. Vög. Deutschl. i. p. 180.—*Degl.* Orn. Eur. i. p. 17.—*Mühle*, Orn. Griech. p. 12.—*Malh.* Orn. Sicil. p. 21.—*Be-*

*noit*, Orn. Sicil. p. 4. — *Keyserl. & Blas.* Wirbelth. Eur. p. 134. — *Blyth*, Cat. B. Mus. As. Soc. Calcut. p. 33. — *V. d. Hoev.* Handb. Dierk. ii. p. 815. — *Reichenb.* Prakt. Nat. Vög. p. 30. pl. 2. f. 1. — *Schemb.* Quad. Geog. p. 1. — *Meyer*, Zusät. n. Bericht. deutsch. Vögelk. p. 4. — *Meisn.* Syst. Verz. Vög. p. 3. — *Borkh.* Teutsche Orn. pl. 110, 111.

*G. aureus*, *Daud.* Tr. Orn. ii. p. 25.

*G. castaneus*, *Daud.* Tr. Orn. ii. p. 26.

*G. alpinus*, *Temm.* Cat. Syst. Cab. p. 7. — *Steph.* Zool. xiii. p. 8. — *Daud.* Tr. Orn. ii. p. 25. pl. 10.

*G. melanocephalus*, *Meyer*, Tasch. deutsch. Vögelk. i. p. 10. pl. 1 (juv.); Vög. Deutschl. pt. 19 (juv.). — *Wolf*, Abbild. merkw. Gegenst. pl. 15.

*Phene ossifraga*, *Savig.* Desc. Egyp. pt. 1. p. 78. — *Vieill.* Gal. Ois. pl. 8; Faun. Franç. p. 5. pl. 3. f. 1, 2. — *Less.* Tr. Orn. p. 30. pl. 6. f. 2. — *Degl.* Mem. Soc. Sc. Lille, 1839, p. 427; 1843, p. 176. — *Roux*, Orn. Prov. i. p. 86. pl. 5 bis.

*Gypaète des Alpes*, *Buff.* Ois. ed. Sonn. ii. pl. 12. f. 2. — *Gerard.* Tab. Elem. Orn. i. p. 12.

*Avoltojo barbuto*, *Savi*, Orn. Tosc. i. p. 9.

*Nisser Werk*, *Bruce*, Trav. vii. p. 225. App. pl. 31.

*Weissköpfige Geier-adler*, *Meyer*, Vög. Deutschl. pt. 14.

*Bartadler*, *Bechst.* Naturg. Deutschl. Vög. ii. p. 502. — *Blumenb.* Abhand. Naturh. Gegenst. pl. 85.

*Bearded Vulture*, *Edw.* B. pl. 106.

*Bearded Eagle*, *Salt*, Trav. p. 46. — *Lath.* Gen. Hist. i. p. 50.

*Habitat.* — Alps S. of Europe. Pyrenees, Tyrol, Hungary. Sardinia. Albania. Africa. Cape of Good Hope. Asia. Siberia, Mongolia, Caucasus, China.

#### 18a. *GYPÆTUS HEMACHALANUS*, Hutton, 1838. — Mus.

*Gypætus barbatus*, *Hutt.* Journ. As. Soc. Beng. iii. p. 522. — *Hodgs.* Journ. As. Soc. Beng. iv. p. 455. — *Blyth*, Journ. As. Soc. Beng. xi. p. 465; Cat. E. I. C. Mus. i. p. 9.

*G. hemachalanus*, *Hutt.* Journ. As. Soc. Beng. vii. p. 22; xvi. p. 776; Ann. Nat. Hist. ii. p. 235. — *Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 505.

*Habitat.* — S. Asia. Himalaya. Afghanistan.

186. **GYPÆTUS MERIDIONALIS**, Bonap. 1842.—Mus.

*Gypætus meridionalis*, Bonap. Cat. Ucc. Eur. p. 18; Rev. Zool.  
1850, p. 478.—Rüpp. Syst. übers. p. 9. pl. 1.

*G. nudipes*, Brehm.

*G. subalpinus*, Brehm.

*Habitat*.—S. Africa.

## FALCONIDÆ.

Genus **POLYBORUS**, Vieillot. 1816.

19. **POLYBORUS THARUS**, (Molini) 1782. — Mus. Strickland, Nos. 6 a. 6 b. Brit., Munich.
- Caracará**, *Marcgr.* Hist. Bras. p. 211.—*Azar.* Pax. Par. i. p. 42. no. 4.
- C. vulgaris**, *Less.* Tr. Orn. p. 34.
- Accipiter circus brásiliensis**, *Briss.* Orn. i. p. 405.
- Falco tharus**, *Molin.* St. Chil. pp. 264, 343.—*Gmel.* Syst. Nat. p. 254.—*Lath.* Ind. Orn. p. 16; Syn. Supp. ii. p. 18; Gen. Hist. i. p. 243.—*Shaw*, Zool. vii. p. 170.—*Daud.* Tr. Orn. ii. p. 41.
- F. cheriway**, *Jacq.* Beytrág. p. 17. pl. 4.—*Gmel.* Syst. Nat. p. 254.—*Daud.* Tr. Orn. ii. p. 42.—*Licht.* Verz. Doubl. p. 60.
- F. plancus**, *Gmel.* Syst. Nat. p. 257.—*Daud.* Tr. Orn. ii. p. 42.—*Shaw*, Cim. Phys. pl. 17.
- F. brasiliensis**, *Gmel.* Syst. Nat. p. 262.—*Lath.* Ind. Orn. p. 21; Syn. i. p. 63; Gen. Hist. i. p. 274.—*Shaw*, Zool. vii. p. 106.—*Daud.* Tr. Orn. ii. p. 149.—*Max.* Beitr. iii. p. 190.
- Vultur cheriway**, *Lath.* Ind. Orn. p. 8; Syn. Supp. i. p. 5; Gen. Hist. i. p. 33.—*Shaw*, Gen. Zool. vii. p. 43.
- V. plancus**, *Lath.* Ind. Orn. p. 8; Syn. i. p. 34; Supp. i. p. 4; Gen. Hist. i. p. 34.—*Shaw*, Zool. vii. p. 41.—*Forst.* Descript. An. p. 321; Icon. ined. 33.
- Circaëtus braziliensis**, *Cuv.* Règ. An. ed. 2. i. p. 328.
- Polyborus**, *Vieill.* Anal. Orn. p. 22.
- P. brasiliensis**, *Fig.* Zool. Journ. i. pp. 320, 336; iii. p. 434.—*Swains.* Phil. Mag. ser. 2. i. p. 366; Zool. Ill. ser. 2. pl. 2; Classif. B. ii. p. 209.—*Bonap.* Proc. Zool. Soc. pt. 5. p. 108; List Eur. & N. Am. B. p. 2; Consp. Av. p. 13.—*Darw.* Journ. Res. p. 64; Zool. Beag. pt. 3. p. 9.—*Audub.* Am. B. pl. 161.—*Bridg.* Proc. Zool. Soc. pt. 11. p. 108; Ann. Nat. Hist. xiii. p. 499.—*Gray*, Gen. B. p. 2; ed. 2. p. 3; fol. sp. 1. pl. 5. f. 2; List B. Brit. Mus. p. 31; Gen. & Subgen. Brit. Mus. p. 2.—*Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 262.—



*De Kay*, Zool. N. York, ii. p. 3.—*Peale*, U. S. Explor. Exp. viii. p. 60.—*Woodh.* (Sitg.) Exp. Zuni & Colorad. p. 58.

**P. tharus**, *Cass.* B. Calif. & Tex. i. p. 113; Ac. Sc. Philad. 1855, p. 284.

**P. vulgaris**, *Spix*, Av. Braz. i. pl. 1 a.—*Vieill.* Gal. Ois. pl. 7. —*Benn.* Gard. Zool. Soc. ii. p. 296. — *King*, Voy. Beag. i. p. 532.—*Vieill.* Gal. i. p. 23. pl. 7.—*Vig.* Zool. Beech. Voy. p. 15. pl. 7.—*Bonap.* Consp. Av. p. 13.—*Less.* Tr. Orn. p. 34. —*Tschudi*, Consp. Av. (Wieg. Arch. 1844) p. 3.—*D'Orbig.* Synop. Av. Mag. Zool. 1838, p. 3; Voy. Am. Merid. Ois. p. 55; (R. Sagra) Hist. Nat. Cuba, Ois. p. 9.

**P. cheriway**, *Rich. Schomb.* Vers. Faun. Brit. Guian. p. 741.—*Nitzsch*, Pterylog. p. 89.

**Aquila cheriway**, *Meyen*, Nov. Act. Leop. Car. xvi. Supp. p. 66.

**Pandion caracara**, *Griff.* Cuv. vi. p. 235.

*Habitat.*—S. of N. America: Mexico (*Swainson*). S. America. Brazil, Straits of Magellan, La Plata, Chili. W. Indies, Cuba (*Vigors*), Aruba.

20. **POLYBORUS AMBUSTUS**, (Gmelin) 1789.—Mus.

**Falco ambustus**, *Gmel.* Syst. Nat. p. 252.

**Vultur ambustus**, *Lath.* Ind. Orn. p. 8; Syn. i. p. 19. sp. 15; Gen. Hist. i. p. 27.

**Gypaëtus ambustus**, *Daud.* Tr. Orn. ii. p. 26.

**Tawny Vulture**, *Brown*, Zool. Ill. pl. 1.—*Shaw*, Zool. vii. p. 44.

**Spizaëtus ambustus**, *Vieill.* Enc. Méth. iii. p. 1254.

*Habitat.*—Falkland Isles (*Brown*).

Genus **MILVAGO**, *Spix*. 1824.

21. **MILVAGO CHIMACHIMA**, (Vieillot) 1816.—Mus. Strickland, Nos. 7 a. 7 b. Zool. Soc., Brit., Munich.

**Chimachima**, *Azar.* Pax. Par. i. p. 50. no. 6.

**Polyborus chimachima**, *Vieill.* Nouv. Dict. Hist. Nat. v. p. 295. —*D'Orbig.* Synop. Av. Mag. Zool. 1838, p. 3; Voy. Am. Mérid. Ois. p. 63.

*P. degener*, *Vig.* Zool. Journ. i. p. 336.—*Steph.* Zool. xiii. pt. 2. p. 11.—*Less.* Man. Orn. i. p. 88.

*P. ochrocephalus*, *Jard.* Ill. Orn. pl. 2.—*Swains.* Classif. B. i. p. 310.

*Falco degener*, *Illig.* Mus. Berl. — *Licht.* Verz. p. 61 (quot. *Chimachima*, *Azar.*).—*Max.* Beiträg. (quot. *Vieill.*).

*F. crotophagus*, *Max.* Reis. i. p. 297 ; ii. p. 199 (quot. Beiträg.).

*Milvago ochrocephalus*, *Spix*, Av. Braz. i. pl. 5.—*King*, Zool. Journ. iii. p. 424 ; Voy. Beag. i. p. 532.—*Gray*, Gen. B. p. 2. —*Peale*, U. S. Explor. Exp. p. 61.

*M. chimachima*, *Gray*, Gen. B. ed. 2. p. 2 ; fol. sp. 1. pl. 5. f. 3 ; List B. Brit. Mus. p. 29 ; Gen. & Subgen. Brit. Mus. p. 2.—*Bonap.* Consp. Av. p. 12.—*Rich. Schomb.* Vers. Faun. Brit. Guian. p. 741.—*Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 262.—*Hartl.* Syst. Ind. Pax. Par. p. 1.

*Gymnops strigilatus*, *Spix*, Av. Braz. i. p. 10. pl. 4 (= juv.).

*Haliaëtus chimachima*, *Less.* Tr. Orn. p. 43.

*H. ochrocephala*, *Cuv.* Règ. An. ed. 2. i. p. 327.

White-necked Eagle A, *Lath.* Gen. Hist. i. p. 250.

*Habitat.*—Brazil. Buenos Ayres.

22. **MILVAGO CHIMANGO**, (*Vieillot*) 1816.—Mus. Brit., Paris.

*Chimango*, *Azar.* Pax. Par. i. p. 47. no. 5.

*Polyborus chimango*, *Vieill.* Nouv. Dict. Hist. Nat. v. p. 260 ; Enc. Méth. iii. p. 1182.—*Tschudi*, Consp. Av. Wieg. Arch. 1844, p. 262 ; Faun. Per. pp. 16, 79.—*D'Orbig.* Synop. Av. Mag. Zool. 1838, p. 3.—*Darw.* Journ. Res. p. 64.

*Haliaëtus chimango*, *Less.* Tr. Orn. p. 43.

*Caraçarà chimango*, *D'Orbig.* Voy. Am. Mérid. Ois. p. 60.

*Milvago chimango*, *Darw.* Zool. Beag. pt. 3. p. 14. — *Gray*, Gen. B. fol. sp. 2. pl. 5 ; List B. Brit. Mus. p. 29.—*Hartl.* Syst. Ind. Pax. Par. p. 1. — *Kaup*, Ueber. Falk. Mus. Senck. 1845, p. 262. — *Bonap.* Consp. Av. p. 13. — *Peale*, U. S. Explor. Exp. p. 61.

*Habitat.*—S. America. Paraguay, La Plata.

22 a. **MILVAGO PEZOPORUS**, (*Meyen*).—Mus.

*Aquila pezopora*, *Meyen*, Nov. Act. Leop. Car. xvi. Supp. p. 62. pl. 6.—*Bonap.* Consp. Av. sub *Milvago*.

*Milvago pezoporus*, *Darw.* Zool. Beag. pt. 3. p. 13.—*Bridg.* Proc. Zool. Soc. pt. 11. p. 109; *Ann. Nat. Hist.* xiii. p. 499.

*M. chimanga*, *Gray*, List B. Brit. Mus. p. 29.

*Habitat*.—S. America. Patagonia, Tierra del Fuego, Chili.

23. **MILVAGO AUSTRALIS**, (Gmelin) 1789.—Mus. Brit.

*Falco australis*, *Gmel.* Syst. Nat. p. 259.—*Lath.* Ind. Orn. p. 16; *Syn.* i. p. 40; *Gen. Hist.* i. p. 241.—*Shaw*, Zool. vii. p. 91.—*Daud.* Tr. Orn. ii. p. 56.—*Jard.* Ill. Orn. n. s. pl. 24.

*F. novæ zealandiæ*, *Temm.* Pl. Col. 192, 224.—*Garn.* Ann. Sc. Nat. vii.; *Isis*, 1832, p. 181.

*F. leucurus*, *Forst.* Icon. ined. 34.

*Morphnus*, *Cuv.* Règ. An. ed. 1. i. p. 318.

*Circaëtus novæ zealandiæ*, *Cuv.* Règ. An. ed. 1. i. p. 318; ed. 2. i. p. 328.

*C. antarcticus*, *Less.* Tr. Orn. p. 49.

*Polyborus novæ zælandiæ*, *Vig.* Zool. Journ. i. p. 336.—*Less.* Man. Orn. i. p. 88.—*Darw.* Journ. Adv. & Beag. p. 66.—*Bonap.* Consp. Av. p. 13.

*P. braziliensis*, *King*, Voy. Beag. i. p. 532.

*Senex australis*, *Gray*, Jard. Ill. Orn. n. s. sub pl. 24.

*Milvago leucurus*, *Darw.* Zool. Beag. pt. 3. p. 15.—*Gray*, Gen. B. fol. sp. 3.

*M. australis*, *Gray*, List B. Brit. Mus. p. 30.

*Vultur planicus* ♀, *Forst.* Descript. An. p. 321.

*Aëtotriorchis novæ zeelandiæ*, *Kaup*, Class. Saug. u. Vög. p. 124.

*Habitat*.—Falkland Islands. Island of Diego Ramirez. Magellan Straits (*Forster*).

24. **MILVAGO MEGALOPTERUS**, (Meyen) 1834.—Mus. Brit.

*Aquila megaloptera*, *Meyen*, Nov. Act. Leop. Car. xvi. Supp. p. 64. pl. 7.

*Phalcobæus montanus*, *D'Orbig.* Synop. Av. Mag. Zool. 1838, p. 2; *Voy. Am. Mérid.* Ois. p. 51. pl. 2. f. 1, 2.—*Bridg.* Proc. Zool. Soc. pt. 11. p. 108; *Ann. Nat. Hist.* xiii. p. 499.—*La-fresn.* Rev. Zool. 1845, p. 91.

*Ph. megaloptera*, *Bonap.* Consp. Av. p. 13.

*Milvago montanus*, *Darw.* Zool. Beag. pt. 3. p. 13. — *Gray*, Gen. B. fol. sp. 5.

*M. megaloptera*, *Darw.* Zool. Beag. pt. 3. pp. 13, 21.—*Gray*, List B. Brit. Mus. p. 30.

*Polyborus montanus*, *Darw.* Journ. Adv. & Beag. p. 66.

*P. megalopterus*, *Tschudi*, Consp. Av. Wieg. Arch. 1844, p. 263; Faun. Per. pp. 16, 78.—*Lafresn.* Rev. Zool. 1849, p. 99.

*Habitat*.—S. America. Chili.

25. **MILVAGO ALBOGULARIS**, (Gould) 1837.—Mus.

*Polyborus albogularis*, *Gould*, Proc. Zool. Soc. pt. 5. p. 9.

*Milvago albogularis*, *Darw.* Zool. Beag. pt. 3. p. 18. pl. 1.—*Gray*, Gen. B. fol. sp. 4.

*Phalcobœnus megaloptera*, *Bonap.* Consp. Av. p. 13.

*Habitat*.—S. America. River Santa Cruz, 50° S. Patagonia (*Darwin*).

Genus **IBYCTER**, *Vieillot*. 1816.

26. **IBYCTER AMERICANUS**, (Boddaert) 1783.—Mus. Strickland, No. 8. Brit., Munich.

*Falco aquilinus*, *Gmel.* Syst. Nat. p. 280.—*Temm.* Tab. Méth. p. 2.

*F. formosus*, *Lath.* Ind. Orn. p. 38; Syn. i. p. 97. sp. 82; Gen. Hist. i. p. 260.—*Shaw & Nodd.* Nat. Misc. xii. pl. 485.—*Shaw*, Zool. vii. p. 159.

*F. americanus*, *Bodd.* Tab. Pl. Enl.

*F. nudicollis*, *Daud.* Tr. Orn. ii. pp. 79, 177.

*Ibycter*, *Vieill.* Anal. Orn. p. 22.

*I. leucogaster*, *Vieill.* Gal. Ois. pl. 6. — *Swains.* Classif. B. ii. p. 209.—*Less.* Tr. Orn. p. 33.—*Bonap.* Consp. Av. p. 12.

*I. aquilinus*, *Vig.* Zool. Journ. i. p. 336. — *Steph.* Zool. xiii. pt. 2. p. 10.—*Gray*, Gen. B. p. 2, ed. 2. p. 2; fol. sp. 1.—*Bonap.* Consp. Av. p. 12.—*Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 262.—*Rich. Schomb.* Vers. Faun. Brit. Guian. p. 742.

*I. americanus*, *Gray*, Gen. B. App. p. 1; List B. Brit. Mus. p. 28; Gen. & Subgen. Brit. Mus. p. 2.

*Circaëtus aquilinus*, *Cuv.* Règ. An. ed. 1. i. p. 317 ; ed. 2. i. p. 329.

*Gymnops aquilinus*, *Spix*, Av. Braz. i. p. 11.

*Polyborus aquilinus*, *Less.* Man. Orn. i. p. 88.

Aigle d'Amérique, *Buff.* Pl. Enl. 417.

*Habitat*.—Brazil.

27. **IBYCTER FASCIATUS**, (*Spix*) 1824.—Mus. Munich.

*Gymnops fasciatus*, *Spix*, Av. Braz. i. p. 10. pl. 4.

*Polyborus fasciatus*, *Griff.* Cuv. vi. p. 41.

*P. strigilatus*, *Griff.* Cuv. vi. p. 42.

*Circaëtus fasciatus*, *Cuv.* Règ. An. ed. 2. i. p. 328.

*Caracara fasciata*, *Less.* Tr. Orn. p. 35.

*Ibycter fasciatus*, *Gray*, Gen. B. fol. sp. 3.

*Habitat*.—S. America. Brazil. Jurua River.

28. **IBYCTER ATER**, (*Vieillot*) 1816.—Mus. Brit., Paris, Leyden, Munich.

*Daptrius ater*, *Vieill.* Anal. Orn. pp. 22, 68 ; *Nouv. Dict. Hist. Nat.* xvi. p. 387 ; *Gal. Ois.* pl. 5.—*Vig.* Zool. Journ. i. pp. 319, 336.—*Steph.* Zool. xiii. pt. 2. pl. 32.—*Less.* Tr. Orn. p. 32.—*Gray*, Gen. B. p. 2 ; ed. 2. p. 2 ; Gen. B. fol. sp. 2.—*Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 262.

*D. aterrimus*, *Less.* Man. Orn. i. p. 75.

*D. striatus*, *Dumont*, Dict. Scien. Art. Caraçará.—*Vieill.* *Nouv. Dict. Hist. Nat.* xvi. p. 387 (juv.).

*Falco aterrimus*, *Temm.* Pl. Col. 37. 342.

*Gymnops aterrimus*, *Spix*, Av. Braz. i. p. 11.

*Circaëtus aterrimus*, *Cuv.* Règ. An. ed. 2. i. p. 328.

*Ibycter ater*, *Swains.* Classif. B. i. p. 308, ii. p. 209.—*Gray*, Gen. B. sp. 2. pl. 5. f. 1 ; List B. Brit. Mus. p. 29.—*Bonap.* Consp. Av. p. 12.—*Rich. Schomb.* Vers. Faun. Brit. Guian. p. 742.

White-rumped Vulture, *Lath.* Gen. Hist. i. p. 8.

*Habitat*.—Brazil. Guiana.

29. **IBYCTER GYMNOCEPHALUS**, D'Orbigny, 1837.—Mus.

*Ibycter gymnocephalus*, *D'Orbig.* Synop. Av. Mag. Zool. 1838, p. 2; *Voy. Am. Mérid. Ois.* p. 50.—*Gray*, Gen. B. App. p. 1.

*Habitat*.—Cochabamba, Bolivia (*D'Orbigny*).

Genus **MORPHNUS**, *Cuvier*. 1817.30. **MORPHNUS GUIANENSIS**, (Daudin) 1800.—Mus. Brit.

*Falco guianensis*, *Daud.* Tr. Orn. ii. p. 78.—*Lath.* Ind. Orn. Supp. p. 8; Syn. Supp. ii. p. 38; Gen. Hist. i. p. 256.

*F. sonnini*, *Shaw*, Zool. vii. p. 67.

*F. delicatus*, *Shaw*, Zool. vii. p. 68.

*Morphnus guianensis*, *Cuv.* Règ. An. ed. 1. i. p. 318; ed. 2. i. p. 330.—*Steph.* Zool. xiii. pt. 2. p. 17.—*Fig.* Zool. Journ. i. pp. 323, 337.—*Less.* Man. Orn. i. p. 90; Tr. Orn. p. 51.—*Bonap.* Consp. Av. p. 30.—*Gray*, Gen. B. fol. sp. 3; List B. Brit. Mus. p. 20.

*M.? sonnini*, *Steph.* Zool. xiii. pt. 2. p. 18.

*Spizaëtus variegatus*, *Vieill.* Enc. Méth. iii. p. 1257.

*Harpyia guianensis*, *Swains.* Classif. B. ii. p. 208.

*Thrasaëtus? guianensis*, *Gray*, List B. Brit. Mus. p. 20.

Petit Aigle de la Guiane, *Maud.* Enc. Méth. iii. p. 1257; Orn. p. 475.—*Buff.* Ois. ed. Sonn. ii. p. 58.

*Habitat*.—Guiana.

31. **MORPHNUS BRAZILIENSIS**, (Brisson) 1760.—Mus. Strickland, Nos. 9 a. 9 b. Jardine, Brit.

*Aquila braziliensis*, *Briss.* Orn. i. p. 445.

*A. urubitinga*, *Spix*, Av. Braz. i. pl. 1 b.

*A. picta*, *Spix*, Av. Braz. i. pl. 1 c (juv.).

*Falco urubitinga*, *Gmel.* Syst. Nat. p. 265.—*Lath.* Ind. Orn. p. 22; Gen. Hist. i. p. 236.—*Daud.* Tr. Orn. ii. p. 57.—*Shaw*, Zool. vii. p. 63.—*Temm.* Pl. Col. 55.

*F. zonurus*, *Shaw*, Zool. vii. p. 62.



*F. longipes*, *Illig.* Mus. Berol.

*Pandion fulvus*, *Vieill.* Nouv. Dict. Hist. Nat. iii. p. 163.

*Morphnus urubitinga*, *Cuv.* Règ. An. ed. 2. i. p. 330.—*Fig. Zool.* Journ. i. pp. 323, 337. — *Steph.* Zool. xiii. pt. 2. p. 17. — *Less.* Man. Orn. i. p. 90 ; Tr. Orn. p. 51.—*Nitzsch*, Pterylog. p. 87. — *Gray*, Gen. B. p. 2 ; ed. 2. p. 3 ; fol. sp. 1. pl. 7. f. 6 ; List B. Brit. Mus. p. 21.—*D'Orbig.* Voy. Am. Mérid. Ois. p. 84.

*Spizaëtus niger*, *Vieill.* Nouv. Dict. Hist. Nat. xxxii. p. 57.

*S. ater*, *Vieill.* Nouv. Dict. Hist. Nat. xxxii. p. 58.

*Harpyia urubitinga*, *Swains.* Classif. B. ii. p. 208.

*Urubitinga*, *Marcgr.* Hist. Bras. p. 214. — *Less.* Rev. Zool. 1839, p. 132.

*U. brasiliensis*, *Bonap.* Consp. Av. p. 29.

*Hypomorphnus urubitinga*, *Tschudi*, Consp. Av. Wieg. Arch. 1844, p. 263 ; Faun. Per. pp. 16, 84.—*Lafresn.* Rev. Zool. 1849, p. 99.—*Rich. Schomb.* Vers. Faun. Brit. Guian. p. 740.

*Del Chorreado*, *Azar.* Pax. Par. i. p. 88. no. 17.

*Del Pintado*, *Azar.* Pax. Par. i. p. 92. no. 18.

*Del Negro*, *Azar.* Pax. Par. i. p. 96. no. 20.

*Aigle noir Huppé d'Amérique*, *Buff.* Ois. ed. Sonn. ii. p. 29. pl. 6.

*Brasilian Eagle*, *Lath.* Syn. i. p. 41. sp. 20.

*Habitat.*—Brazil. Guiana.

32. **MORPHNUS ANTHRACINUS**, (Lichtenstein) 1840.—Mus. Strickland, No. 10.

*Falco anthracinus*, *Nitzsch*, (Licht.) Pterylog. p. 83.—*Lafresn.* Rev. Zool. 1848, p. 239.

*Morphnus mexicanus*, *Dubus*, Bull. Ac. Brux.—*Lafresn.* Rev. Zool. 1848, p. 239.—*Gray*, Gen. B. App. p. 1.

*Falco anthracinus*, *Licht.* (Lafresn.) Rev. Zool. 1848, p. 240.

*Urubitinga mexicanus*, *Bonap.* Rev. Zool. 1850, p. 488.

*Habitat.*—Central America. Guatemala. Tabasco.

Genus **THRASAËTUS**, *Gray*. 1837.

33. **THRASAËTUS HARPYIA**, (Linnaeus) 1766. — *Mus. Brit.*,  
Edinb., Paris, Leyden.
- Vultur harpyia*, *Linn.* *Syst. Nat.* p. 121.—*Lath.* *Syn.* i. p. 6.
- V. coronatus*, *Jacq.* *Beyträg.* p. 15.—*Lath.* *Syn. Supp.* i. p. 5.
- Falco calquin*, *Molin.* *St. Chili.* p. 235.—*Shaw*, *Zool.* vii. p. 55.
- F. jacquini*, *Gmel.* *Syst. Nat.* p. 251.
- F. harpyia*, *Gmel.* *Syst. Nat.* p. 251.—*Lath.* *Ind. Orn.* p. 9 ;  
*Gen. Hist.* i. p. 232.—*Shaw*, *Zool.* vii. p. 54.
- F. cristatus*, *Gmel.* *Syst. Nat.* p. 260.—*Lath.* *Ind. Orn.* p. 17 ;  
*Syn.* i. p. 81 ; *Gen. Hist.* i. p. 249. — *Daud.* *Tr. Orn.* ii.  
p. 43.
- F. harpyia*  $\beta$ , *Lath.* *Ind. Orn.* p. 9 ; *Gen. Hist.* i. p. 233.
- F. destructor*, *Daud.* *Tr. Orn.* ii. p. 60.—*Lath.* *Ind. Orn. Supp.*  
p. 4 ; *Syn. Supp.* ii. p. 20 ; *Gen. Hist.* i. p. 235. — *Temm.*  
*Pl. Col.* 14.
- F. imperialis*, *Shaw*, *Zool.* vii. pl. 15.
- F. regalis*, *Shaw*, *Zool.* vii. p. 56.—*Lath.* *Gen. Hist.* i. p. 232.
- F. caracca*, *Shaw*, *Zool.* vii. p. 64.
- Gypaëtus harpyia*, *Daud.* *Tr. Orn.* ii. p. 27.
- G. coronatus*, *Daud.* *Tr. Orn.* ii. p. 28.
- Harpya*, *Vieill.* *Anal. Orn.* p. 24.
- Harpyia destructor*, *Cuv.* *Règ. An.* ed. 1. i. p. 317 ; ed. 2. i.  
p. 329. pl. 3. f. 2.—*Benn.* *Gard. Zool. Soc.* ii. p. 256.—*Less.*  
*Man. Orn.* i. p. 88.—*Swains.* *Classif. B.* ii. p. 208.—*D'Orbig.*  
*Voy. Am. Mérid. Ois.* p. 81.
- H. coronata*, *Vieill.* *Nouv. Dict. Hist. Nat.* xiv. p. 237.
- H. maxima*, *Vieill.* *Enc. Méth.* iii. p. 1249.
- H. imperialis*, *Steph.* *Zool.* xiii. pt. 2. p. 17.—*Vig.* *Zool. Journ.*  
i. pp. 323, 337.—*Swains.* *Phil. Mag.* ser. 2. i. p. 366.
- H. ferox*, *Less.* *Tr. Orn.* p. 50.
- Thrasaëtus harpyia*, *Bonap.* *Proc. Zool. Soc.* pt. 5. p. 108 ;  
*Consp. Av.* p. 29.—*Gray*, *Gen. B.* p. 3 ; ed. 2. p. 4 ; *fol. sp.* 1.  
pl. 7. f. 3.

*Morphnus harpyia*, *Tschudi*, Consp. Av. Wieg. Arch. 1844, p. 265.

*Ouïra ouassou*, *Buff.* Ois. ed. Som. ii. p. 47.—*Vieill.* Nouv. Diet. Hist. Nat. xiv. p. 236.

Crested Falcon, *Dill.* Trav. Spain, p. 80. pl. 3.

Grand Aigle de la Guiane, *Maud.* Enc. Méth. iii. p. 1250; Orn. pp. 474, 475.

*Habitat*.—Guiana. New Granada. Mexico.

Genus **BUTEO**, *Cuvier*. 1799.

34. **BUTEO VULGARIS**, (Bechstein) 1803.—Mus. Strickland, Nos. 11 *a*. 11 *b*. Brit., Soc. Zool., Jard., &c.

*Buteo*, *Alb.* B. i. pl. 1.—*Willoub.* Orn. p. 70.—*Cuv.* Leç. Anat. Comp. i. Tab. Class.; Règ. An. ed. 1. i. p. 323; ed. 2. i. p. 336.

*B. albus*, *Daud.* Tr. Orn. ii. p. 155.

*B. vulgaris*, *Steph.* Zool. xiii. pt. 2. p. 46.—*Selb.* Ill. Brit. Orn. pt. 1. pp. 18, 31.—*Flem.* Brit. An. p. 54.—*Mont.* Orn. Diet. ed. Renn. p. 67.—*Jenyns*, Man. p. 87.—*Jard.* Brit. B. i. p. 202.—*Gould*, Eur. B. pl. 14.—*Bonap.* Eur. & N. Am. B. p. 3; Cat. Ucc. Eur. p. 19.—*Swains.* Classif. B. i. p. 316; ii. p. 211.—*Gray*, Gen. B. p. 2; ed. 2. p. 3; fol. sp. 1. pl. 5. f. 2. inf.; List B. Brit. Mus. p. 32; Gen. & Subgen. Brit. Mus. p. 2.—*Keyserl. & Blas.* Wirbelth. Eur. pp. 30, 85.—*Schleg.* Rev. Crit. pp. 19, 31.—*Mühle*, Orn. Griech. p. 18.—*Rüpp.* Syst. übers. p. 10.—*Degl.* Orn. Eur. p. 53.—*De Kay*, Zool. N. York, ii. p. 11.—*Thomps.* B. Irel. i. p. 72.—*Watt.* B. Irel. p. 16.—*Knox*, Orn. Suss. (Ramb.) p. 185.—*Garner*, Nat. Hist. Staff. p. 272.—*Couch*, Faun. Cornw. p. 11.—*Lubb.* Faun. Norf. p. 15.—*F. d. Hoev.* Handb. Dierk. p. 809.—*Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 261; Monog. Falc. Cont. Orn. 1850, p. 77.

*B. fasciatus*, *Vieill.* Faun. Franç. p. 17. pl. 8. f. 1; Mem. Ac. Roy. Turin, xxiii. p. 226. pl. 3. f. 8, 9.

*B. mutans*, *Vieill.* Faun. Franç. p. 18. pl. 8. f. 2; Mem. Ac. Roy. Turin, xxiii. p. 229. pl. 3. f. 10, 11.

*B. pojana*, *Savi*, Orn. Tosc. i. p. 29.—*S. Longch.* Faun. Belg. p. 54 (sub *B. variegatus*).

*B. communis*, *Less.* Tr. Orn. p. 78.

- B. septentrionalis**, *Brehm*, Handb. Vög. Deutschl. p. 42.
- B. medius et murum**, *Brehm*, Handb. Vög. Deutschl. pp. 43, 44; *Isis*, 1832, p. 736.
- B. fuscus**, *Macgill*. Brit. B. iii. p. 183.
- B. cinereus**, *Bonap.* Consp. Av. p. 18.
- B. (vulgaris) japonicus**, *Temm.* Schl. Faun. Jap. p. 16. pl. 6, 6 B.
- B. variabilis**, *Bailly*, Orn. Sav. i. p. 127.
- Accipiter buteo**, *Briss.* Orn. i. p. 406.
- Falco buteo**, *Linn.* Syst. p. 127.—*Gmel.* Syst. Nat. p. 265.—*Kerr*, Trans. Gmel. ii. p. 496.—*Asso*, Zool. Aragon, p. 68.—*Lath.* Ind. Orn. i. p. 23; Syn. i. p. 48; Gen. Hist. i. p. 79.—*Daud.* Tr. Orn. ii. p. 154.—*Shaw*, Zool. vii. p. 109.—*Leach*, Syst. Cat. Brit. Mus. p. 16.—*Meyer*, Taschenb. deutsch. Vögelk. p. 34.—*Berkeuh.* Synop. p. 11.—*Lewin*, Brit. B. i. p. 18. pl. 6.—*Scop.* Ann. Hist. Nat. p. 15.—*Bew.* Brit. B. ed. 1. p. 15; ed. p. 22.—*Mont.* Orn. Dict. i. Buz.—*Selby*, Ill. Brit. Orn. pt. 1. p. 18. pl. 6.—*Bechst.* Naturg. Deutschl. ii. p. 238. pl. 10.—*Naum.* Naturg. Vög. Deutschl. p. 346; ed. nov. pl. 32, 33; Vög. Deutsch. f. 40, 41, 42, 43.—*Kuhl*, Beiträg. Zool. pt. 1. p. 79 (anat.).—*Müll.* Prod. Zool. Dan. p. 9.—*Brunn.* Orn. Bor. p. 5.—*Beseke*, Vög. Kurl. p. 13.—*Temm.* Cat. Syst. Cab. Orn. p. 11; Man. Orn. pt. 1. p. 63; pt. 3. p. 35; Tab. Méth. p. 3.—*Mud.* Brit. B. i. p. 104.—*Macgill.* Rap. Brit. B. p. 130.—*Yarr.* Brit. B. i. p. 76.—*Benoit*, Orn. Sicil. p. 8.—*Malher.* Faun. Orn. Sicil. p. 36.—*Schulz.* Faun. March. p. 265.—*Kaluz.* Orn. Siles. p. 51.—*Baik.* § *Hedd.* Hist. Nat. Orcad. p. 29.—*Wern.* Alt. Ois. Eur.
- F. glaucopsis**, *Merr.* Beiträg. xi. pl. 7.—*Gmel.* Syst. Nat. p. 255.—*Lath.* Ind. Orn. p. 16; Syn. Supp. ii. p. 20; Gen. Hist. i. p. 67.—*Daud.* Tr. Orn. ii. p. 59.—*Shaw*, Zool. xii. p. 102.
- F. albidus**, *Gmel.* Syst. Nat. p. 267.—*S. Longch.* Faun. Belg. p. 55.
- F. versicolor**, *Gmel.* Syst. Nat. p. 267. — *Daud.* Tr. Orn. ii. p. 105.—*Lath.* Ind. Orn. p. 33; Syn. i. p. 74; Gen. Hist. i. p. 75.
- F. communis**, *Gmel.* Syst. Nat. p. 270.
- F. variegatus**, *Gmel.* Syst. Nat. p. 267. — *Lath.* Ind. Orn. p. 24; Syn. i. p. 97. sp. 83; Gen. Hist. i. p. 262.—*Shaw*, Zool. vii. p. 112.—*S. Longch.* Faun. Belg. p. 54.
- F. buteo A**, *Lath.* Gen. Hist. i. p. 80.
- F. cappone**, *Savi*, Orn. Tosc. i. p. 29.
- F. mutans**, *Savi*, Nuov. Giorn. Pisa, xxii. pt. 2. p. 64.

*F. fasciatus*, *Rou.v.* Orn. Prov. i. p. 33. pls. 20, 21, 22. — *Savi*, Nuov. Giorn. Pisa, xxii. pt. 2. p. 66.

*F. pojana*, *Savi*, Nuov. Giorn. Pisa, xxii. pt. 2. p. 68.—*Borkh.* Deutsche Orn. pt. 9. pl. 1.—*Frisch*, Vög. Deutschl. pl. 74, 76.

*La Buse*, *Buff.* Pl. Enl. 419.

*Aigle de Gottingen*, *Buff.* Ois. ed. Sonn. i. p. 377. — *Bechst.* Tasch. Deutschl. i. p. 15.—*Gerard.* Tab. Elem. Orn. i. p. 54.

*Spotted Falcon*, *Penn.* Brit. Zool. pl. 26.

*Habitat.*—Europe generally. Ionian Isles. Sicily (*Benoit*). Asia. Smyrna, Trebizond. India (*Blyth*). Africa. N.-Eastern (*Rüppell*). Madeira.

35. **BUTEO BOREALIS**, (Gmelin) 1789.—Mus. Strickland, Nos. 12 a. 12 b. 12 c. Brit., Ediub., Jard.

*Falco borealis*, *Gmel.* Syst. Nat. p. 266.—*Lath.* Ind. Orn. p. 25; Syn. i. p. 50; Supp. ii. p. 34; Gen. Hist. i. p. 265.—*Daud.* Tr. Orn. ii. p. 157.—*Shaw*, Zool. vii. p. 112.—*Wils.* Am. Orn. pl. 52. f. 1.—*Sab.* Frankl. Exped. p. 670.—*Wagl.* Isis, 1831, p. 517. — *Bonap.* Ann. Lyc. N. York, ii. pp. 32, 434; Isis, 1832, p. 1138.—*Audub.* Am. B. pl. 51; Orn. Biog. i. p. 265.

*F. leverianus*, *Gmel.* Syst. Nat. p. 266.—*Lath.* Ind. Orn. p. 18; Syn. Supp. i. p. 31; Gen. Hist. i. p. 62 D.—*Daud.* Tr. Orn. ii. p. 126.—*Shaw*, Zool. vii. p. 151.—*Wils.* Am. Orn. pl. 52. f. 2.—*Audub.* Orn. Biog. i. p. 265.

*Accipiter ruficaudus*, *Vieill.* Ois. Am. Sept. pl. 14 bis.

*Buteo fulvus*, *Vieill.* Ois. Am. Sept. p. 34; Nouv. Dict. Hist. Nat. iv. p. 468 (quot. *F. jamaicensis*).

*B. ferruginicaudus*, *Vieill.* Ois. Am. Sept. pl. 6. — *Cuv.* Règ. An. ed. 2. i. p. 337.

*B. americanus*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 477 (quot. Ois. Am. Mérid. pl. 6); Enc. Méth. iii. p. 1224.

*B. borealis*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 478; Enc. Méth. iii. p. 1222.—*Fig.* Zool. Journ. i. p. 340; Zool. Beech. Voy. p. 15.—*Steph.* Zool. xiii. pt. 2. p. 47.—*Less.* Tr. Orn. p. 79.—*Richards.* Faun. Bor. Am. ii. p. 50.—*James.* Wils. Am. Orn. i. pp. 82, 84. — *Jard.* Wils. Am. Orn. ii. pp. 280, 282. — *Brew.* Wils. Am. Orn. p. 450; Synop. p. 684.—*Bonap.* Eur. & N. Am. B. p. 3; Consp. Av. p. 19.—*Audub.* Synop. p. 6.—*Gray*, Gen. B. fol. sp. 6; List B. Brit. Mus. p. 34.—*Pucher.* Rev. Zool. 1850, p. 214.—*Gosse*, B. Jam. p. 11. pl. 2.—*Cass.* B. Calif. & Tex. Syn. p. 97; Proc. Ac. Sc. Philad. 1855, p. 279. — *Gamb.* Journ. Ac. Nat. Sc. Philad. n. s. i. p. 26.—*Nutt.*

Man. Orn. U. S. & Canad. p. 102.—*De Kay*, Zool. N. York, ii. p. 9. pl. 8. f. 17 (juv.).—*Peab.* Bost. Journ. Nat. Hist. iii. p. 80.—*Thomp.* Hist. Vermt. App. p. 63.—*Peale*, U. S. Expl. Exp. p. 62.—*Towns.* Sitg. Exp. Zuni & Colorad. p. 59.—*Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 261.

*B. leverianus*, *Vig.* Zool. Journ. i. p. 340. — *Steph.* Zool. xiii. pt. 2. p. 47.

*Astur borealis*, *Cuv.* Règ. An. ed. 2. i. p. 332.—*Swains.* Classif. B. i. p. 316 ; ii. p. 215.

*Pœcilopternis borealis*, *Kaup*, Isis, Monog. Falc. Cont. Orn. 1850, p. 76.

*Utzquauhtli*, *Hernandez*.

Red-tailed Buzzard, *Penn.* Arct. Zool. p. 205. sp. 100, 101.

Leverian Falcon, *Penn.* Arct. Zool. sp. 101.

White-breasted Falcon, *Lath.* Gen. Hist. i. p. 267.

*Habitat*.—America generally to lat. 55° N. (summer). United States. California. Mexico (resid.). W. Indies, Island of Nevis (Brit. Mus.). Jamaica (*Gosse*).

### 35 a. BUTEO SWAINSONI, Bonaparte, 1838.—Mus.

*Falco buteo*, *Penn.* Arct. Zool. ii. p. 207. sp. 103 ♀ juv.—*Audub.* Am. B. pl. 372 ; Orn. Biog. iv. p. 508.

*F. obsoletus*, *Gmel.* Syst. Nat. p. 268.—*Kerr*, Trans. Gmel. ii. p. 501.—*Lath.* Ind. Orn. p. 28. sp. 61 ; Synop. Supp. i. p. 30 ; Gen. Hist. i. p. 254.—*Daud.* Tr. Orn. ii. p. 104.—*Shaw*, Zool. vii. p. 152.

*Buteo vulgaris*, *Richards.* & *Swains.* Faun. Bor. Am. p. 5.—*Jard.* Wils. Am. Orn. ii. p. 56, note. — *Brew.* Wils. p. 303 ; Synop. p. 684.

*B. swainsoni*, *Bonap.* Eur. & N. Am. B. p. 3 ; Consp. Av. p. 19. — *Cass.* Synop. B. Calif. & Tex. p. 98 ; Proc. Ac. Sc. Philad. 1855, p. 280. — *Gamb.* Journ. Ac. Nat. Sc. Philad. n. s. i. p. 27.

*B. montanus*, *Nutt.* Man. Orn. U. S. & Canad. i. p. 112.

*Habitat*.—North America. Fur countries to lat. 58° (summer). California (winter).

### 35 b. BUTEO HARLANI, (Audubon) 1830.—Mus. Brit.

*Falco harlani*, *Audub.* Am. B. pl. 36 ; Orn. Biog. i. p. 441.—*Brew.* Wils. N. Am. Orn. Synop. p. 684.



*Buteo harlani*, *Bonap.* Eur. & N. Am. B. p. 3.—*Audub.* Synop. p. 6.—*Gray*, List B. Brit. Mus. 1844, p. 18 ; 1848, (sub *B. borealis*), p. 34.—*De Kay*, Zool. N. York, ii. p. 11.

*Habitat.*—N. America. Louisiana (*Audubon*).

- 35 c. **BUTEO VENTRALIS**, Gould, 1837 (= *B. borealis*, juv.).—Mus. Brit., Zool. Soc.

*Buteo ventralis*, *Gould*, Proc. Zool. Soc. pt. 5. p. 10.—*Darwin*, Zool. Beag. pt. 3. p. 27.—*Gray*, Gen. B. fol. (sub *borealis*, sp. 6).—*Bonap.* Consp. Av. p. 19.

*Habitat.*—S. America. S. Patagonia, Valparaiso, Santa Cruz (*Darwin*, sp. Brit. Mus.).

- 35 d. **BUTEO GALAPAGOENSIS**, (Gould) 1837. — Mus. Brit., Zool. Soc.

*Polyborus galapagoensis*, *Gould*, Proc. Zool. Soc. pt. 5. p. 9.

*Craxirex galapagoensis*, *Gould*, (Darw.) Zool. Beag. pt. 3. p. 23. pl. 2. — *Gray*, Gen. B. p. 2 ; ed. 2. p. 3 ; List Gen. & Subgen. Brit. Mus. p. 2.—*Bonap.* Consp. Av. p. 34.

*Buteo galapagoensis*, *Gray*, List B. Brit. Mus. p. 18 ; Gen. B. fol. sp. 12.

*Habitat.*—Galapagos Islands.

36. **BUTEO ALBONOTATUS**, Gray, 1844.—Mus. Brit.

*Buteo albonotatus*, *Gray*, Gen. B. fol. sp. 11 ; List B. Brit. Mus. 1844, p. 17 ; 1848, p. 36.—*Cass.* B. Calif. & Tex. p. 101 (sub *B. harlani*).

*Habitat.*—Mexico.

37. **BUTEO LINEATUS**, Gmelin, 1789.—Mus. Strickland, Nos. 13 a. 13 b. Brit., Jard.

*Falco lineatus*, *Gmel.* Syst. Nat. p. 268. — *Lath.* Ind. Orn. p. 27 ; Syn. i. p. 56. sp. 36 ; Gen. Hist. i. p. 268.—*Daud.* Tr. Orn. ii. p. 158. — *Shaw*, Zool. vii. p. 113. — *Wils.* Am. Orn. pl. 53. f. 3.—*Audub.* Orn. Biog. i. p. 296 ; Synop. B. N. Am. p. 7.—*Cuv.* Règ. An. ed. 2. i. p. 334.

*F. hyemalis*, *Gmel.* Syst. Nat. p. 274.—*Lath.* Ind. Orn. p. 35 ; Syn. i. p. 79. sp. 62 ; Gen. Hist. i. p. 91.—*Daud.* Tr. Orn. ii. p. 110.—*Shaw*, Zool. vii. p. 153.—*Wils.* Am. Orn. pl. 35. f. 1. — *Bonap.* Am. Lyc. N. York, ii. p. 33 ; Isis, 1832, p. 1138.—*Audub.* Am. B. pl. 56, 71 ; Orn. Biog. i. p. 364.

**F. hyemalis**, var., *Lath.* Ind. Orn. Supp. p. 8 ; Syn. Supp. ii. p. 39.

**Circus hyemalis**, *Vieill.* Ois. Am. Sept. pl. 7. — *James.* Wils. Am. Orn. i. pp. 85, 87.

**Buteo fuscus**, *Vieill.* Ois. Am. Sept. pl. 5.

**B. hyemalis**, *Less.* Tr. Orn. p. 81.—*Bonap.* Eur. & N. Am. B. p. 3.—*De Kay*, Zool. N. York, ii. p. 10. pl. 6. f. 13.

**B. lineatus**, *Jard.* Wils. Am. Orn. ii. p. 290.—*Audub.* Synop. p. 7. — *Brew.* Wils. Am. Orn. Syn. p. 684. — *Gray*, Gen. B. fol. sp. 7 ; List B. Brit. Mus. p. 35.—*Cass.* B. Calif. & Tex. Syn. p. 99.—*Bonap.* Consp. Av. p. 19. — *Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 261.

**Astur fuscus**, *Bonap.* Oss. Cuv. Règ. An. p. 37.

**A. hyemalis**, *Jard.* Wils. Am. Orn. ii. p. 72.—*Vieill.* Enc. Méth. iii. p. 1273.

**Nisus hyemalis**, *Cuv.* Règ. An. ed. 2. i. p. 334.

**Pæcilopternis lineatus**, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 76.

**Red-shouldered Falcon**, *Penn.* Aret. Zool. p. 206. sp. 102 ; p. 209. sp. 107.

*Habitat.*—N. America generally. California. Oregon (*Townsend*).

38. **BUTEO PENNSYLVANICUS**, (Wilson) 1812.—Mus. Strickland, Nos. 14 *a.* 14 *b.* Brit.

**Falco pennsylvanicus**, *Wils.* Am. Orn. vi. p. 92. pl. 54. f. 1.—*Lath.* Gen. Hist. i. p. 263. — *Audub.* Am. B. pl. 91 ; Orn. Biog. i. p. 461.—*Bonap.* Ann. Lyc. N. York, ii. pp. 29, 434 ; Isis, 1832, p. 1137.

**F. latissimus**, *Wils.* Am. Orn. last ed. vi. p. 92. pl. 54. f. 1.

**F. wilsoni**, *Bonap.* Obs. Wils. Nom. Journ. Ac. Sc. N. York, iii. p. 348.

**Sparvius platypterus**, *Vieill.* Enc. Méth. iii. p. 1273 (quot. *Wils.* pl. 54. f. 1).

**Buteo pennsylvanicus**, *Bonap.* Oss. Cuv. Règ. An. p. 35 ; Eur. N. Am. B. p. 3 ; Consp. Av. p. 19.—*Audub.* Synop. p. 7.—*Brew.* Wils. Am. Orn. Syn. p. 684.—*Gray*, Gen. B. fol. sp. 8 ; List B. Brit. Mus. p. 16.—*Cass.* B. Calif. & Tex. Syn. p. 100. —*De Kay*, Zool. N. York, ii. p. 11. pl. 5. f. 11.

**Astur pennsylvanicus**, *Cuv.* Règ. An. ed. 2. i. p. 332.—*James.* Wils. Am. Orn. i. p. 65.

*A.?* *latissimus*, *Jard.* Wils. Am. Orn. ii. p. 294.

*Pœcilopternis wilsoni*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 75.

*Habitat*.—N. America. East parts (*Cassin*).

39. **BUTEO TACHARDUS**, (Daudin) 1800.—Mus.

*Falco tachardus*, *Daud.* Tr. Orn. ii. p. 164. — *Lath.* Ind. Orn. Supp. p. 5 ; Syn. Supp. ii. p. 25 ; Gen. Hist. i. p. 182.—*Shaw*, Zool. vii. p. 201.

*Buteo tachardus*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 479 ; Enc. Méth. iii. p. 1224.—*Steph.* Zool. xiii. pt. 2. p. 46.—*Vig.* Zool. Journ. i. p. 340.—*Cuv.* Règ. An. ed. 2. i. p. 336. — *Bonap.* Consp. Av. p. 18.—*Gray*, List B. Brit. Mus. p. 32.

*Le Tachard*, *Levaill.* Ois. Af. pl. 19.

*Habitat*.—S. Africa. Lion River.

40. **BUTEO DESERTORUM**, (Daudin) 1800.—Mus.

*Falco desertorum*, *Daud.* Tr. Orn. ii. p. 162.—*Lath.* Ind. Orn. Supp. p. 11 ; Syn. Supp. ii. p. 50 ; Gen. Hist. i. p. 181.—*Shaw*, Zool. vii. p. 174.—*Cuv.* Règ. An. ed. Griff. Av. i. p. 63.

*Buteo desertorum*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 478 ; Enc. Méth. iii. p. 1223.

*Le Rougri*, *Levaill.* Ois. Af. pl. 17.

*Habitat*.—Cape of Good Hope (*Levaillant*).

41. **BUTEO JAKAL**, (Daudin) 1800.—Mus. Strickland, No. 15. Brit., Jard.

*Falco jakal*, *Daud.* Tr. Orn. ii. p. 161.—*Lath.* Ind. Orn. Supp. p. 11 ; Syn. Supp. ii. p. 49 ; Gen. Hist. i. p. 180.—*Shaw*, Zool. vii. p. 173.—*Licht.* Verz. Doubl. p. 60.

*Buteo jakal*, *Vig.* Zool. Journ. i. p. 340. — *Steph.* Zool. xiii. pt. 2. p. 46. — *Cuv.* Règ. An. ed. 2. i. p. 336.—*Vieill.* Nouv. Dict. Hist. Nat. iv. p. 473 ; Enc. Méth. iii. p. 1222.—*Smith*, S. Af. Journ. i. p. 239.—*Licht.* Verz. Doubl. p. 60.—*Less.* Tr. Orn. p. 80. — *Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 33. — *Bonap.* Consp. Av. p. 19.—*Kaup*, Class. Saug. u. Vög. p. 123 ; Ueb. Falk. Mus. Senck. 1845, p. 261 ; Monog. Falc. Cont. Orn. 1850, p. 76.

*Le Rounoir*, *Levaill.* Ois. Af. i. pl. 16.

*Habitat*.—S. Africa.

42. **BUTEO LACERNULATUS**, (Temminck) 182.—Mus. Brit., Paris.

*Falco lacernulatus*, *Temm.* Pl. Col. 437.

*Buteo lacernulatus*, *Cuv.* Règ. An. ed. 2. i. p. 337.—*Less.* Tr. Orn. p. 82.—*Gray*, Gen. B. fol. sp. 16 ; List B. Brit. Mus. 1844, p. 17.

*B. scotopterus*, *Gray*, List B. Brit. Mus. 1848, p. 38.

*Leucopternis lacernulatus*, *Bonap.* Consp. Av. p. 19.

*L. scotopterus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 69.

*Habitat*.—Brazil.

43. **BUTEO AUGUR**, Rüppell, 1835.—Mus. Brit.

*Buteo augur* ♂, *Rüpp.* Neue Wirbelth. p. 38. pl. 16 ; Syst. übers. p. 10.—*Bonap.* Consp. Av. p. 19.—*Gray*, List B. Brit. Mus. p. 33 ; Gen. B. fol. sp. 4. — *Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 261 ; Monog. Falc. Cont. Orn. 1850, p. 76.

*B. hydrophilus* ♀, *Rüpp.* Neue Wirbelth. p. 39. pl. 17.—*Bonap.* Consp. Av. p. 19. — *Kaup*, Ueb. Falk. Mus. Senck. 1845, p. 261.

*Habitat*.—N. Africa. Abyssinia.

44. **BUTEO MELANOSTERNON**, Gould, 1840.—Mus.

*Buteo melanosternon*, *Gould*, Proc. Zool. Soc. pt. 8. p. 162 ; Ann. Nat. Hist. viii. p. 68 ; B. Aust. i. pl. 20 ; Introd. p. 21. — *Gray*, Gen. B. fol. sp. 13.

*Gypsoictinia*, *Kaup*, Isis.—*Bonap.* Consp. Av. p. 19.

*Habitat*.—Australia. New S. Wales. W. Australia.

45. **BUTEO ERYTHRONOTUS**, (King) 1827. —Mus. Strickland, Nos. 16 a. 16 b. 16 c. Brit., Soc. Zool., Jard.

*Falco polysoma*, *Quoy & Gaim.* Voy. Uran. Ois. p. 14.

*Haliaëtus erythronotus*, *King*, Zool. Journ. iii. p. 424 ; Voy. Beag. i. p. 532.

*Buteo erythronotus*, *Gray*, (Darw.) Zool. Beag. p. 26 ; Gen. B. fol. sp. 9 ; List B. Brit. Mus. p. 35.—*Bridg.* Proc. Zool. Soc. pt. 11. p. 109 ; Ann. Nat. Hist. xiii. p. 499. — *Jard.* Ed. N. Phil. Journ. n. s. ii. p. 117.

*B. unicolor*, *D'Orbig.* Synop. Av. (Guér.) 1838, p. 7 ; Voy. Am. Mérid. p. 109.

*B. tricolor*, *D'Orbig.* Synop. Av. (Guér.) 1838, p. 6 ; *Voy. Am. Mérid.* p. 106. pl. 30 ♂ ♀. — *Tschudi*, Av. Consp. Archiv Naturg. 1844, p. 264, sub *B. pterocles* ; *Faun. Per.* p. 90 ?

*Tachytriorchis erythronotus*, *Bonap.* Consp. Av. p. 17.

*Habitat.*—South America. Ecuador, Elevated Table Land of Andes (*W. Jameson*). Magellan Straits. Chiloe. Falkland Islands. Bolivia. Chili. Brazil. Mexico

46. **BUTEO ALBICAUDATUS**, (Vieillot) 1816.—Mus. Brit.

*Aquila coliblanca*, *Azar.* Pax. Par. i. p. 69. no. 10.

*Buteo albicaudatus*, *Vieill.* Nouv. Diet. Hist. Nat. iv. p. 477 ; *Enc. Méth.* iii. p. 1223.—*Pucher.* Rev. Zool. 1850, p. 87.

*B. pterocles*, *Less.* Man. Orn. i. p. 103 ; *Tr. Orn.* p. 80.—*Fig.* Zool. Journ. i. p. 340. — *Steph.* Zool. xiii. pl. 36. — *Cur.* Règ. An. ed. 2. i. p. 337. — *Swains.* Classif. B. i. p. 317.—*Richards.* Faun. Bor. Am. ii. p. 10.—*Gray*, Gen. B. fol. sp. 10 ; *List B. Brit. Mus.* p. 36.—*Rich. Schomb.* Faun. Brit. Guian. p. 739.

*B. albicauda*, *Less.* *Tr. Orn.* p. 81. pl. 15. f. 2.—*Pucher.* Rev. Zool. 1850, p. 214.

*B. leucurus*, *Lafresn.* Rev. Zool. 1849, p. 100.

*Falco pterocles*, *Temm.* Pl. Col. 56. 139.

*Spizaëtus leucurus*, *Vieill.* Nouv. Diet. Hist. Nat. xxxii. p. 59 ; *Enc. Méth.* iii. p. 1257.

*Hypomorphnus leucurus*, *Lafresn.* Rev. Zool. 1849, p. 100.

*Tachytriorchis pterocles*, *Bonap.* Rev. Zool. 1850, p. 481 ; *Consp. Av.* p. 17.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 78.

*Habitat.*—Brazil (*Temm.*).

47. **BUTEO PECTORALIS**, Vieillot, 1816.—Mus. Brit.

*Circus pectoralis*, *Vieill.* Nouv. Diet. Hist. Nat. iv. p. 477.

*Buteo pectoralis*, *Vieill.* *Enc. Méth.* iii. p. 1223.—*Pucher.* Rev. Zool. 1850, p. 95.

*B. canescens*, *Hodgs.* Beng. Sport. Mag. 1836, p. 180.—*Blyth*, Journ. As. Soc. Beng. xii. p. 308 ; xv. p. 2.

*B. longipes*, *Jerd.* Madr. Journ. x. p. 75.—*Gray*, *List B. Brit. Mus.* 1844, p. 18.

*B. rufinus*, *Gray*, Gen. B. fol. sp. 2 ; *List B. Brit. Mus.* 1848, p. 33. — *Blyth*, Journ. As. Soc. Beng. xix. p. 338. — *Bonap.* *Consp. Av.* p. 18.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 76 ; *Cat. Mus. E.I.C.* i. p. 61.

*Falco rufinus*, *Cretzsch.* Rüpp. Atl. Reis. Nörd. Af. pl. 27 ;  
Syst. übers. p. 10.

Nasal Falcon, *Lath.* Gen. Hist. i. p. 169.

*Habitat.*—S. Asia. India. Nepal (*Hodgson*). Bengal. Africa.  
Nubia, Sennaar, Abyssinia.

48. **BUTEO PYGMÆUS**, Blyth, 1845.—Mus.

*Buteo pygmæus*, *Blyth*, Journ. As. Soc. Beng. xiv. p. 177 ; xv.  
p. 3 ; xix. p. 339.

*Habitat.*—S. Asia. Tenasserim.

49. **BUTEO RUFIPENNIS**, Strickland, 1850.—Mus. Strickland,  
No. 17.

*Buteo rufipennis*, *Strickland*, Proc. Zool. Soc. 1850, p. 214.  
pl. 22.

*Habitat.*—Kordofan (*Petherick*).

50. **BUTEO MELANOPS**, (Latham) 1790. — Mus. Strickland,  
No. 18. Brit., Paris, Leyden.

*Falco melanops*, *Lath.* Ind. Orn. p. 37 ; Gen. Hist. i. p. 248.  
— *Daud.* Tr. Orn. ii. p. 117. — *Shaw*, Zool. vii. p. 175. —  
*Temm.* Pl. Col. 105.

*Dædalion melanops*, *Vig.* Zool. Journ. i. p. 338.—*Steph.* Zool.  
xiii. pt. 2. p. 25.

*Astur melanops*, *Less.* Man. Orn. i. p. 94. — *Cuv.* Règ. An.  
ed. 2. i. p. 333.

*Buteo melanops*, *Gray*, Gen. B. fol. sp. 14 ; List B. Brit. Mus.  
p. 37.

*Leucopternis melanops*, *Kaup*, Isis ; Monog. Falc. Cont. Orn.  
1850, p. 68.—*Bonap.* Consp. Av. p. 19.

Streaked Falcon, *Lath.* Syn. Supp. i. p. 34.

*Habitat.*—Guiana.

51. **BUTEO GHIESBREGHTI**, Dubus, 1843.—Mus. Brussels.

*Buteo ghiesbreghti*, *Dubus*, Esq. Orn. pl. 1. — *Gray*, Gen. B.  
fol. sp. 18.

*Leucopternis ghiesbreghti*, *Bonap.* Rev. Zool. 1850, p. 481 ;  
Consp. Av. p. 19.

*Habitat.*—Mexico. Vera Cruz (*Ghiesbreght*).



52. **BUTEO (ALBICOLLIS)**, (Latham) 1790. — Mus. Strickland, No. 19. Brit., Paris, Jard.

*Falco albicollis*, *Lath.* Ind. Orn. p. 36 ; Gen. Hist. i. p. 250.  
—*Daud.* Tr. Orn. ii. p. 112.

*F. picatus*, *Shaw*, Zool. vii. p. 167.

*F. pæcilonotus*, *Temm.* Pl. Col. pl. 9.

*Buteo melanotus*, *Vieill.?* Nouv. Dict. Hist. Nat. iv. p. 472 ;  
Enc. Méth. iii. p. 1221.—*Pucher.* Rev. Zool. 1850, p. 84.

*B. pæcilonotus*, *Vig.* Zool. Journ. i. p. 440. — *Steph.* Zool. xiii.  
pt. 2. p. 47.—*Less.* Man. Orn. i. p. 104 ; Tr. Orn. p. 81.—  
*Cuv.* Règ. An. ed. 2. i. p. 337.—*Gray*, Gen. B. fol. sp. 19.

*B. albicollis*, *Gray*, List B. Brit. Mus. p. 38 ; Gen. B. fol. sp. 15.

*Leucopternis albicollis*, *Kaup*, Monog. Falc. Cont. Orn. 1850,  
p. 78.

*L. pæcilonotus*, *Bonap.* Rev. Zool. 1850, p. 481 ; Consp. Av.  
p. 19.

White-necked Falcon, *Lath.* Syn. Supp. i. p. 30. sp. 101.

*Habitat.*—S. America. Guiana. Cayenne (*Latham and Vieillot*).  
Trinidad (Mus. Jard.). French Guiana (*Temminck*).

53. **BUTEO POLIONOTUS**, Gray, 1844.—Mus. Brit.

*Buteo polionotus*, *Gray*, List B. Brit. Mus. 1844, p. 17 ; 1848,  
p. 38 ; Gen. B. fol. sp. 17.—*Pucher.* Rev. Zool. 1850, p. 85  
(sub *B. melanotus*).

*Leucopternis polionotus*, *Bonap.* Consp. Av. p. 19.

*Habitat.*—S. America.

54. **BUTEO KAUPI**, Bonaparte, 1850.—Mus. Brit.

*Leucopternis kaupi*, *Bonap.* Rev. Zool. 1850, p. 481.

*L. kuhli*, *Bonap.* Consp. Av. p. 19.

*Habitat.*—

55. **BUTEO BAIRDII**, Hoy, 1853.—Mus. Acad. Philad.

*Buteo Bairdii*, *Hoy*, Proc. Ac. Sc. Philad. vi. p. 451 ; 1855,  
p. 279.—*Cass.* B. Calif. & Tex. p. 99.

*Habitat.*—N. America. Wisconsin, Utah. Rio Grande (*Cassin*).

56. **BUTEO INSIGNATUS**, Cassin, 1854.—Mus. N.H.S. Montreal.

*Buteo insignatus*, *Cass. B. Calif. & Tex.* p. 102.

*Habitat*.—N. America. Canada.

57. **BUTEO CALURUS**, Cassin, 1855.—Mus.

*Buteo calurus*, *Cass. Proc. Ac. Sc. Philad.* 1855, p. 281.

*Habitat*.—New Mexico.

58. **BUTEO ELEGANS**, Cassin, 1855.—Mus.

*Buteo elegans*, *Cass. Proc. Ac. Sc. Philad.* 1855, p. 281.

*Habitat*.—California. New Mexico.

59. **BUTEO OXYPTERUS**, Cassin, 1855.—Mus.

*Buteo oxypterus*, *Cass. Proc. Ac. Sc. Philad.* 1855, p. 282.

*Habitat*.—New Mexico\*.

60. **BUTEO PLUMIPES**, Hodgson, 1845.—Mus. Brit.

*Buteo plumipes*, *Hodgs. Proc. Zool. Soc.* pt. 13. p. 37.—*Gray*,  
Gen. B. fol. sp. 5.

*Circus plumipes*, *Hodgs. Blyth, Journ. As. Soc. Beng.* xv. p. 2.

*Archibuteo plumipes*, *Blyth, Journ. As. Soc. Beng.* xix. p. 338.

*Habitat*.—S. Asia. Nepal (*Hodgs.*). Tibet (*Blyth*).

Genus **ARCHIBUTEO**, *Brehm.* 1828.

61. **ARCHIBUTEO LAGOPUS**, (*Brünnich*) 1764. — Mus. Strickland, No. 20. Jard., Brit.

*Accipiter falco leucocephalus*, *Briss. Orn.* i. p. 325.

*Falco lagopus*, *Brünn. Orn. Bor.* p. 4. sp. 15. — *Penn. Arct. Zool. App.* pl. 1.—*Gmel. Syst. Nat.* p. 260.—*Lath. Ind. Orn.* p. 19; *Syn.* i. p. 75. sp. 54; *Supp.* i. p. 18; *Gen. Hist.* i. p. 67.—*Siemss. Handb.* p. 15.—*Daud. Tr. Orn.* ii. p. 107.—*Shaw, Zool.* vii. p. 145.—*Naum. Nat. Vög. Deutschl.* ed. nov. i. p. 359. pl. 26. f. 44.—*Meyer, Taschenb. deutsch. Vögelk.*

\* The Nos. 56, 57, 58, 59 are species or presumed species obtained during the late American surveying expeditions, characterized and described by Mr. Cassin at the commencement of the present year.

p. 37. pl. 34. f. 1, 2.—*Temm.* Man. Orn. pt. 1. p. 65 ; pt. 3. p. 37.—*Selby*, Ill. Brit. Orn. ed. 1. p. 20. pl. 7.—*Bew.* Brit. B. i. p. 20.—*Fox*, Syn. Newcast. Mus. p. 49.—*Farr.* Brit. B. i. p. 81.—*Schulz*, Faun. March. p. 267.—*Kaluz.* Orn. Siles. p. 32.—*Ranz.* Elem. Zool. iii. p. 123.—*Donnd.* Orn. Beyträg. p. 47.—*Lewin*, Brit. B. i. p. 34. pl. 14.—*Wern.* Atl. Ois. Eur.

*F. communis* ♂, *Gmel.* Syst. Nat. p. 270. — *Lath.* Ind. Orn. p. 30 ; Syn. i. p. 66 C ; Gen. Hist. i. p. 114 C.

*F. slavonicus*, *Lath.* Ind. Orn. p. 26 ; Syn. Supp. ii. p. 24.—*Daud.* Tr. Orn. ii. p. 166.—*Shaw*, Zool. vii. p. 171.

*F. plumipes*, *Daud.* Tr. Orn. ii. p. 163.

*F. pennatus*, var., *Lath.* Syn. Supp. ii. p. 24 ; Gen. Hist. i. p. 70 A, p. 80 B.

*F. calzato*, *Savi*, Orn. Tosc. i. p. 33.

*Buteo pennatus*, *Daud.* Tr. Orn. ii. p. 156.

*B. lagopus*, *Steph.* Zool. xiii. pt. 2. p. 47.—*Leach*, Syst. Cat. B. Brit. Mus. p. 10.—*Roux*, Orn. Prov. i. p. 41. pl. 25.—*Flem.* Brit. An. p. 54.—*Cuv.* Règ. An. ed. 2. i. p. 336.—*Selby*, Ill. Brit. Orn. i. p. 58.—*Jenyns*, Man. p. 87.—*Eyt.* Cat. Brit. B. p. 4.—*Macgill.* Rapt. B. Gr. Brit. ; Brit. B. iii. p. 193.—*Gould*, Eur. B. pl. 15.—*Swains.* Classif. B. ii. p. 211.—*Vieill.* Faun. Franç. p. 21. pl. 9. f. 2 ; Mém. Ac. Turin, xxiii. p. 232.—*Schleg.* Rev. Crit. p. 32.—*Degl.* Orn. Eur. i. p. 55.—*Jard.* Brit. B. N. Lib. i. p. 197.—*Thomps.* B. Irel. i. 76.—*Knox*, Orn. Ramb. p. 185.—*Dillw.* Faun. Swan. p. 4.—*Bonap.* Consp. Av. p. 17.—*Watt.* B. Irel. p. 16.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 75.—*S.-Longch.* Faun. Belg. p. 54.—*Lubb.* Faun. Norf. p. 13.—*Garn.* Nat. Hist. Staff. p. 272.—*Borkhaus.* Deutsche Orn. pl. 84 ♂, 85 ♀.

*Archibuteo planiceps et alticeps*, *Brehm*, Vög. Deutschl. pp. 40, 41.

*A. lagopus*, *Gray*, Gen. B. ed. 2. p. 3 ; fol. sp. 1. pl. 5. f. 1 inf. ; List B. Brit. Mus. p. 38 ; Gen. & Subgen. Brit. Mus. p. 3.—*Cass.* B. Calif. & Tex. p. 104.

*Butaëtes buteo*, *Less.* Tr. Orn. p. 83.

*B. lagopus*, *Bonap.* Eur. & N. Am. B. p. 3 ; Cat. Ucc. Eur. p. 19.—*Gray*, Gen. B. p. 2.—*Baill.* Orn. Sav. i. p. 133.—*Morr.* Brit. B. i. p. 52.—*Reichenb.* Prakt. Nat. Vög. p. 148.

*Vultur subbuteus*, *Frisch*, Vög. Deutschl. pl. 75.

*La Buse gantée*, *Levaill.* Ois. Af. pl. 18.

*Habitat.*—N. and Central Europe. Cerigo. Africa. Auteniquoi (*Levaill.*).

62. **ARCHIBUTEO SANCTI JOHANNIS**, (Gmelin) 1789.—Mus. Strickland, No. 21. Brit., Jard., Peale.

**Falco sancti-johannis**, *Penn. Arct. Zool.* pl. 9.—*Gmel. Syst. Nat.* p. 273.—*Lath. Ind. Orn.* p. 34; *Syn. i.* p. 77. sp. 58; *Gen. Hist. i.* p. 276.—*Daud. Tr. Orn. ii.* p. 105.—*Shaw, Zool. vii.* p. 150.—*Bonap. Ann. Lyc. N. York, ii.* p. 32.—*Audub. Orn. Biog. ii.* p. 381.—*Giraud, B. Long Isl. p. 6.*—*Kerr, Trans. Gmel. ii.* p. 507.

**F. spadiceus**, *Gmel. Syst. Nat.* p. 273.—*Lath. Ind. Orn.* p. 27 (exc. syn.); *Gen. Hist. i.* p. 259.—*Daud. Tr. Orn. ii.* p. 109.

**F. lagopus**, *Wils. Am. Orn.* pl. 33. f. 1.—*Brewer, (Wils.) Syn.* p. 684.—*Bonap. Ann. Lyc. N. York, ii.* p. 32; *Isis, 1852,* p. 1138.—*Audub. Am. B. pl. 166, 422; Orn. Biog. ii.* p. 377; *v.* p. 217.

**F. niger**, *Wils. Am. Orn.* pl. 53. f. 1, 2. — *Lath. Gen. Hist. i.* pp. 256, 257 A.

**Buteo spadiceus**, *Vieill. Ois. Am. Sept. i.* p. 34.

**B. ater**, *Vieill. Nouv. Dict. Hist. Nat. iv.* p. 482; *Enc. Méth. iii.* p. 1227.

**B. niger**, *Steph. Zool. xiii. pt. 2.* p. 47.—*Vig. Zool. Journ. i.* p. 340.—*James. (Wils.) Am. Orn. i.* pp. 79, 80.—*Cuv. Règ. An. ed. 2. i.* p. 336.

**B. lagopus**, *Richards. Faun. Bor. Am. ii.* pl. 28.—*Audub. Syn. B. Am.* p. 8.—*James. (Wils.) Am. Orn. i.* p. 77.—*Jard. (Wils.) Am. Orn. ii.* p. 54.—*Nutt. Man. Orn. U. S. & Canad. p. 97.*—*Peab. B. Mass.* p. 79.

**B. sancti-johannis**, *Jard. (Wils.) Am. Orn. ii.* pp. 287, 288.—*De Kay, Zool. N. York, ii.* p. 7. pl. 2. f. 3.—*Nutt. Man. Orn. U. S. & Canad. p. 98.*

**Butaëtes sanctijohannis**, *Cuv. Règ. An. ed. 1. i.* p. 323.—*Bonap. Eur. & N. Am. B. p. 3.*

**Archibuteo sanctijohannis**, *Gray, Gen. B. fol. sp. 2; List B. Brit. Mus. p. 39.*—*Cass. B. Calif. & Tex. p. 103.*—*Bonap. Consp. Av. p. 18.*—*Kaup, Monog. Falc. Cont. Orn. 1850,* p. 75.

**Placentia Falcon**, *Lath. Syn. i.* p. 76; *Supp. p. 19.*

*Habitat.*—N. America generally.

63. **ARCHIBUTEO FERRUGINEUS**, (Lichtenstein) 1838.—Mus. Brit., Philad. (*Cassin*).

**Falco ferrugineus**, *Lichtenst. Berl. Trans. 1838,* p. 429.

*Lagopus ferrugineus*, *Fras.* Proc. Zool. Soc. 1844, p. 37.

*Archibuteo regalis*, *Gray*, List B. Brit. Mus. p. 39 ; Gen. B. fol. pl. 6.

*A. ferrugineus*, *Gray*, Gen. B. fol. sp. 3.—*Cass.* B. Calif. & Tex. p. 104.—*Bonap.* Consp. Av. p. 18 (sub *A. sanctijohannis*).

*Habitat*.—America. Mexico (*Fraser*). California, Sacramento Valley (*Cassin*).

64. **ARCHIBUTEO HEMIPTILOPUS**, Blyth, 1846.—Mus.

*Archibuteo hemiptilopus*, *Blyth*, Journ. As. Soc. Beng. xv. p. 1 ; xix. p. 338.—*Gray*, Gen. B. fol. sp. 5.—*Bonap.* Consp. Av. p. 18.

*A. cryptogenys*, *Hodgs.* Calc. Journ. N. Hist. viii. p. 89. pl. 5. f. 1.

*Habitat*.—S. Asia. Darjeeling, Sikim, Tibet (*Blyth*).

65. **ARCHIBUTEO AQUILINUS**, Hodgson, 1845.—Mus.

*Buteo aquilinus*, *Blyth* (*Hodgs.*) Journ. As. Soc. Beng. xiv. p. 176 ; xv. p. 2.

*B. leucocephalus*, *Hodgs.* Proc. Zool. Soc. pt. 13. p. 37.

*Archibuteo strophiatatus*, *Bonap.* Consp. Av. p. 18. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 75.

*Habitat*.—S. Asia. Nepal. Tibet.

Genus **ASTURINA**, Vieillot. 1816.

66. **ASTURINA NITIDA**, (Latham) 1790. — Mus. Strickland, Nos. 22 a. 22 b. Brit., Paris, Leyden, Jard.

*Falco nitidus*, *Lath.* Ind. Orn. p. 41 ; Gen. Hist. i. p. 246.—*Daud.* Tr. Orn. ii. p. 122.—*Temm.* Pl. Col. 87, 294.—*Spix*, Av. Braz. i. p. 19.

*F. nitidus* A, *Lath.* Gen. Hist. i. p. 247.

*Asturina cinerea*, *Vieill.* Anal. Orn. pp. 24, 68 ; Nouv. Dict. Hist. Nat. iii. p. 41 ; Enc. Méth. iii. p. 1260 ; Gal. Ois. pl. 20. — *Fig.* Zool. Journ. i. pp. 324, 337.—*Steph.* Zool. xiii. pt. 2. p. 24.

*A. nitida*, *Bonap.* Consp. Av. p. 30.—*Kaup*, Class. Saug. u. Vög. p. 120 ; Monog. Falc. Cont. Orn. 1850, p. 67.

*Astur nitidus*, *Vig.* Zool. Journ. i. p. 338. — *Steph.* Zool. xiii. pt. 2. p. 27. — *Less.* Man. Orn. i. p. 93. — *D'Orbig.* Synop. Av. (Mag. Zool.) p. 5 ; Voy. Am. Mérid. Ois. p. 95.—*Gray*, Gen. B. fol. sp. 8 ; List B. Brit. Mus. p. 66.

*A. striolatus*, *Cuv.* Règ. An. ed. 2. i. p. 332.

*Cymindis cinerea*, *Less.* Man. Orn. i. p. 91.

*Dædalion nitidus*, *Less.* Tr. Orn. p. 65.

*Azulejo*, *Azar.* Pax. Par. i. p. 167. no. 37.

Plumbous Falcon, *Lath.* Syn. Supp. i. p. 37.

*Habitat.*—Guiana. Brazil. Mexico.

67. **ASTURINA BRACHYURUS**, (Vieillot) 1816. — Mus. Brit., Paris.

*Buteo brachyurus*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 477 ; Enc. Méth. iii. p. 1223.—*Gray*, Gen. B. fol. sp. 20.—*Pucher.* Rev. Zool. 1850, p. 86.—*Bonap.* Rev. Zool. 1850, p. 481.

*B. melanoleucus*, *Less.* Tr. Orn. p. 82 (syns. exc.). — *Pucher.* Rev. Zool. 1850, p. 214.

*Asturina brachyura*, *Bonap.* Rev. Zool. 1850, p. 489.

*A. albifrons*, *Bonap.* Consp. Av. p. 31.

*Astur albifrons*, *Kaup*, Isis, 1847.

*Habitat.*—S. America. Cayenne.

Genus **BUTEOGALLUS**, *Lesson.* 1831.

68. **BUTEOGALLUS EQUINOCTIALIS**, (Gmelin) 1789.—Mus. Brit.

*Falco æquinoctialis*, *Gmel.* Syst. Nat. p. 265.—*Lath.* Ind. Orn. p. 22. sp. 25 ; Syn. i. p. 43. sp. 25 ; Gen. Hist. i. p. 237.—*Shaw*, Zool. vii. p. 97.—*Kerr*, Trans. Gmel. ii. p. 494.

*F. buzon*, *Daud.* Tr. Orn. ii. p. 168. — *Lath.* Ind. Orn. Supp. p. 6 ; Syn. Supp. ii. p. 31 ; Gen. Hist. i. p. 288.—*Shaw*, Zool. vii. p. 202.

*Buteo buzon*, *Vig.* Zool. Journ. i. p. 340. — *Steph.* Zool. xiii. pt. 2. p. 46.



*Buteogallus cathartoides*, *Less.* Tr. Orn. p. 83.

*B. buson*, *Gray*, Gen. B. p. 2 ; ed. 2. p. 3.—*Bonap.* Syn. p. 17.

*B. æquinoctialis*, *Gray*, List B. Brit. Mus. 1848, p. 37 ; Gen. & Subgen. Brit. Mus. p. 3.

*Daptrius buson*, *Gray*, List B. Brit. Mus. 1844, p. 14.

*Morphnus buson*, *Gray*, Gen. B. fol. sp. 2.

*M. æquinoctialis*, *Gray*, Gen. B. App. p. 1.

*Le Buson*, *Lervill.* Ois. Af. pl. 21.

*Roxo obscuro*, *Azar.* Pax. Par. i. p. 80. no. 14.

*Habitat.*—S. America. Guiana. Cayenne.

69. **BUTEOGALLUS NIGRICOLLIS**, (Latham) 1790. — Mus. Strickland, No. 23. Brit., Munich.

*Falco nigricollis*, *Lath.* Ind. Orn. p. 35 ; Gen. Hist. i. p. 252. —*Daud.* Tr. Orn. ii. p. 112.

*F. busarellus*, *Daud.* Tr. Orn. ii. p. 168.—*Lath.* Ind. Orn. Supp. p. 6 ; Gen. Hist. i. p. 266.—*Shaw*, Zool. vii. p. 203.

*F. melanobronchos*, *Shaw*, Zool. vii. p. 167.

*F. leucocephalus*, *Vieill.* Nouv. Diet. Hist. Nat. iv. p. 465 ; Enc. Méth. iii. p. 1216.

*Buteo nigricollis*, *Vieill.* Nouv. Diet. Hist. Nat. iv. p. 473 ; Enc. Méth. iii. p. 1221.—*Pucher.* Rev. Zool. 1850, p. 85.—*Gray*, Gen. B. fol. sp. 13.

*B. busarellus*, *Vig.* Zool. Journ. i. p. 340. — *Steph.* Zool. xiii. pt. 2. p. 46.—*Cuv.* Règ. An. ed. 2. i. p. 337.—*Less.* Tr. Orn. p. 80.—*Gray*, Gen. B. fol. sp. 23.

*Circus busarellus*, *Vieill.* Enc. Méth. iii. p. 1212 (quot. *Lervill.* pl. 20).

*Aquila milvodes*, *Spix*, Av. Braz. i. pl. 1 d. — *Bonap.* Consp. Av. p. 17 (sub *B. busarellus*).

*Morphnus milvodes*, *Cuv.* Règ. An. ed. 2. i. p. 330.

*M. nigricollis*, *Gray*, Gen. B. App. p. 1.

*Haliaëtus milvodes*, *Gray*, List B. Brit. Mus. p. 12 ; Gen. B. fol. sp. 7.

*Buteo-gallus busarellus*, *Bonap.* Consp. Av. p. 17.

*Ichthyoborus nigricollis*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 76.

*Le Buseray*, *Lervill.* Ois. Af. pl. 20.

Busard roux de Cayenne, *Maud.* Enc. Méth. p. 543.

Cabeza blanca, *Azar.* Pax. Par. i. p. 78. no. 13.

Black-necked Falcon, *Lath.* Syn. Supp. i. p. 30. sp. 100.

Buzzaret, *Lath.* Syn. Supp. ii. p. 32.

*Habitat.*—S. America. Cayenne, Amazons, Brazil.

Genus **SPILORNIS**, *Gray.* 1840.

70. **SPILORNIS BACHA**, (Daudin) 1800. — Mus. Strickland, Nos. 24 a. 24 b. 24 c. 24 d. Brit., Zool. Soc., E. Ind. Comp.

*Falco cheela*, *Lath.* Ind. Orn. p. 14 ; Syn. Supp. i. p. 33 ; Gen. Hist. i. p. 145.—*Daud.* Tr. Orn. ii. p. 44.—*Shaw*, Zool. vii. p. 69.

*F. bacha*, *Daud.* Tr. Orn. ii. p. 43. — *Lath.* Ind. Orn. Supp. p. 4 ; Syn. Supp. ii. p. 22 ; Gen. Hist. i. p. 172. — *Shaw*, Zool. vii. p. 157. pl. 22.—*Raffl.* Linn. Trans. xiii. p. 278.

*F. bido*, *Horsf.* Linn. Trans. xiii. p. 137 ; Isis, 1825, p. 1054.—*Lath.* Gen. Hist. i. p. 149.

*F. albidus*, *Temm.* Pl. Col. 19.

*Le Bacha*, *Levaill.* Ois. Af. i. p. 69. pl. 15.

*Buteo albidus*, *Cuv.* Règ. An. i. ed. 2. p. 337.—*Less.* Man. Orn. i. p. 104 ; Tr. Orn. p. 78.—*Lafresn.* Rev. Zool. 1849, p. 390.

*B. bacha*, *Cuv.* Règ. An. ed. 1. i. p. 324 ; ed. 2. i. p. 337.—*Vig.* Raffl. Life, p. 650.—*Less.* Tr. Orn. p. 77.—*Vieill.* Nouv. Dict. Hist. Nat. iv. p. 468 ; Enc. Méth. iii. p. 1219.

*Cymindis ? bacha*, *Vig.* Zool. Journ. i. p. 324. — *Smith*, S. Af. Journ. p. 118.—*Steph.* Zool. xiii. pt. 2. p. 24.

*C. ? albidus*, *Vig.* Zool. Journ. i. p. 324.—*Steph.* Zool. xiii. pt. 2. p. 24.

*Hæmatornis bacha*, *Vig.* Proc. Comm. Zool. Soc. pt. 1. p. 170 ; Cat. Mus. E.I.C. p. 49.

*H. cheela*, Cat. Mus. E.I.C. p. 50.

*H. undulatus*, *Vig.* Proc. Comm. Zool. Soc. pt. 1. p. 170.—*Gould*, B. Him. pl. 1.—*Blyth*, Journ. As. Soc. Beng. xii. p. 303.

*H. cheela*, *Blyth*, Journ. As. Soc. Beng. xiv. p. 178 ; xix. p. 328.

*Haliaëtus bacha*, *Meyen*, Nov. Act. Leop. Car. xvi. Supp. p. 68.

*Circaëtus nipalensis*, *Hodgs.* As. Res. xviii. pt. 2. p. 17. pl. 2.

*C. undulatus*, *Jerd. Madr. Journ.* x. p. 70.—*Blyth*, *Ann. Nat. Hist.* xii. p. 91.—*Gray*, *Gen. B.* fol. sp. 8.

*C. bacha*, *Gray*, *Gen. B.* fol. sp. 7 ; *List B. Brit. Mus.* p. 18.

*C. cheela*, *Gray*, *Gen. B. App.* p. 1 ; *List B. Brit. Mus.* p. 18.—*Kelaart*, *Prod. Faun. Zeyl.* ii. p. 17.

*Spilornis undulata*, *Gray*, *List B. Brit. Mus.* 1844, p. 10 ; *Kaup*, *Monog. Falc. Cont. Orn.* 1850, p. 71.

*S. bacha*, *Gray*, *Gen. B.* p. 3 ; ed. 2. p. 4.—*Kaup*, *Class. Saug. u. Vög.* p. 122.—*Bonap.* *Consp. Av.* p. 16.

*S. cheela*, *Bonap.* *Consp. Av.* p. 17.

*Brown and White Falcon*, *Lath. Gen. Hist.* i. p. 196.

*Habitat.*—S. Africa. Grand Namaquas ? (*Levaillant*). S. Asia. India, Bengal, Nepal, China, Malasia. Java.

71. **SPILORNIS HOLOSPILUS**, (*Vigors*) 1851.—*Mus. Brit., Zool. Soc.*

*Buteo holospilus*, *Fig. Proc. Comm. Zool. Soc.* pt. 1. p. 96 ; *Journ. As. Soc. Beng.* i. p. 262.

*Hæmatornis holospilus*, *Fig. Proc. Comm. Zool. Soc.* pt. 1. p. 170 ; *Cat. Mus. E.I.C.* i. p. 50.

*Spilornis holospilus*, *Gray*, *List B. Brit. Mus.* p. 19.—*Bonap.* *Consp. Av.* p. 17.

*Circaëtus holospilus*, *Gray*, *Gen. B.* fol. sp. 9. pl. 7.

*Habitat.*—Indian Archipelago, Luzon. E. Asia. China.

Genus **CIRCAËTUS**, *Vieillot.* 1816.

72. **CIRCAËTUS GALLICUS**, (*Gmelin*) 1789.—*Mus. Strickland*, No. 25. *Brit.*

*Aquila pygargus*, *Briss. Orn.* i. p. 443.

*A. brachydactyla*, *Meyer*, *Taschenb. deutsch. Vögelk.* i. p. 21. —*Benick.* *Isis*, 1824, p. 881.—*Tyzenhauz.* *Rev. Zool.* 1846, p. 324.—*Bailly*, *Orn. Sav.* i. p. 108.

*A. leucamphoma*, *Borkhaus.* *Teutsche Orn.* pt. 9.

*A. gallica*, *S.-Longch. Faun. Belg.* p. 53.

*Falco gallicus*, *Gmel. Syst. Nat.* p. 295.—*Lath. Ind. Orn.* p. 15 ;

Syn. i. p. 39. sp. 17 ; Gen. Hist. i. p. 64.—*Daud.* Tr. Orn. ii. p. 158.—*Shaw*, Zool. vii. pl. 19.

**F. longipes**, *Nils.* Faun. Suec. (juv.)

**F. brachydactylus**, *Temm.* Man. Orn. pt. 1. p. 46 ; pt. 3. p. 24 ; Tab. Méth. p. 3. — *Naum.* Nat. Vög. Deutschl. ed. nov. i. p. 236. pl. 15 ; Nachtr. p. 360. pl. 51. f. 97. — *Wern.* Atl. Ois. Eur.

**F. leucopsis**, *Bechst.* Naturg. Deutschl. Vög. ii. p. 572.

**Circaëtus**, *Vieill.* Anal. p. 23.

**C. gallicus**, *Cuv.* Règ. An. ed. 2. i. p. 328. — *Less.* Tr. Orn. p. 47.—*Vieill.* Nouv. Dict. Hist. Nat. vii. p. 137 ; Enc. Méth. iii. p. 1201 ; Faun. Franç. p. 13. pl. 6. f. 2.—*Gould*, Eur. B. pl. 13.—*Bonap.* Eur. & N. Am. B. p. 3 ; Consp. Av. p. 16.—*Schleg.* Krit. übers. p. 9.—*Gray*, Gen. B. p. 3 ; ed. 2. p. 4 ; fol. sp. 1. pl. 7. f. 7 ; List B. Brit. Mus. p. 17 ; Gen. & Subgen. Brit. Mus. p. 4.—*Hartl.* Orn. W. Af. p. 14.—*Roux*, Orn. Prov. p. 22. pl. 12.

**C. brachydactylus**, *Fig.* Zool. Journ. i. p. 336.—*Steph.* Zool. xiii. pt. 2. p. 14.—*Less.* Man. Orn. i. p. 87.—*Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 78 ; Journ. As. Soc. Beng. iii. p. 419.—*Jerd.* Madr. Journ. x. p. 70.

**C. leucopsis**, *Brehm*, Vög. Deutschl. p. 36.

**C. anguim**, *Brehm*, Vög. Deutschl. p. 37.

**Buteo gallicus**, *Savi*, Orn. Tosc. i. p. 27.—*Michah.* Isis, 1830, p. 888.—*Meyer*, Ann. Wetter. i. p. 45.

**Jean le blanc**, *Buff.* Pl. Enl. 413.—*Buff.* Ois. ed. Sonn. i. pl. 4. f. 2. p. 507.—*Gerard.* Tab. Elem. Orn. i. p. 27.

*Habitat.*—Central and S. Europe. S. Asia. Dukhun (*Sykes*). Nepal.

### 73. CIRCAËTUS FEROX, (Gmelin) 1787.—Mus.

**Accipiter ferox**, *Gmel.* Nov. Com. Petrop. xv. p. 442. pl. 10.

**A. hypoleucus**, *Pall.* Zoog. Ross. As. p. 354. — *Schleg.* Krit. übers. p. 33.

**Falco ferox**, *Gmel.* Syst. Nat. p. 260. — *Lath.* Ind. Orn. p. 13 ; Syn. i. p. 33. sp. 7 ; Gen. Hist. i. p. 146.—*Daud.* Tr. Orn. ii. p. 50.

**F. astracanus**, *Shaw*, Zool. vii. p. 85.

**Circaëtus hypoleucus**, *Keyserl. & Blas.* Wirbelth. Eur. pp. 29, 137.—*Bonap.* Cat. Ucc. Eur. p. 19.—*Gray*, Gen. B. fol. sp. 2.

*Habitat.*—Southern Russia (*Keyserling*).

74. **CIRCAËTUS CINEREUS**, Vieillot, 1825.—Mus. Paris.

*Circaëtus cinereus*, *Vieill.* Gal. Ois. pl. 12.—*Vig.* Zool. Journ. i. p. 336.—*Steph.* Zool. xiii. pt. 2. p. 15.—*Cuv.* Règ. An. ed. 2. i. p. 328.—*Less.* Tr. Orn. p. 48.—*Swains.* Classif. B. ii. p. 208.—*Gray*, Gen. B. fol. sp. 4. App. p. 1.—*Rüpp.* Syst. übers. p. 10.—*Bonap.* Consp. Av. p. 16 ; *Rev. & Mag. Zool.* 1854, p. 532.

*C. funereus*, *Rüpp.* Neue Wirbelth. p. 35. pl. 14 ; *Syst. übers.* p. 10.

*Falco circaëtus*, *Temm.* (*Gray*, Gen. B. fol. App. p. 1.)

*Habitat.*—Africa. Senegal.

75. **CIRCAËTUS PECTORALIS**, Smith, 1830. — Mus. Strickland, No. 26. Jard., Brit.

*Circaëtus pectoralis*, *Smith*, S. Af. Quart. Journ. i. p. 109 ; *Proc. Zool. Soc.* pt. 1. p. 45.

*C. thoracinus*, *Less.* Tr. Orn. p. 48.—*Pucher.* *Rev. Zool.* 1850, p. 209.—*Gray*, Gen. B. fol. sp. 3.

*Falco thoracicus*, (*Cuvier MS.*) *Pucher.* *Rev. Zool.* 1850, p. 6. —*Bonap.* Consp. Av. p. 16.

*Aquila undulata*, *Licht.* Mus. Berol.

*Habitat.*—S. Africa.

76. **CIRCAËTUS SOLITARIUS**, Tschudi, 1844.—Mus.

*Circaëtus solitarius*, *Tschudi*, Faun. Per. pp. 17, 94. pl. 2 ; *Rev. Zool.* 1849, p. 101.—*Gray*, Gen. B. fol. sp. 6.

*Habitat.*—Peru (*Tschudi*).

77. **CIRCAËTUS CORONATUS**, Vieillot, 1817. — Mus. Paris, Leyden.

*Harpyia coronata*, *Vieill.* Nouv. Dict. Hist. Nat. xiv. p. 237 ; *Enc. Méth.* iii. p. 1252.—*Less.* Man. Orn. i. p. 89.

*Cymindis coronatus*, *Vig.* Zool. Journ. i. p. 337.—*Steph.* Zool. xiii. pt. 2. p. 23.

*Falco coronatus*, *Temm.* Pl. Col. 234.

*Circaëtus coronatus*, *Cuv.* Règ. An. ed. 2. i. p. 328.—*Less.* Tr. Orn. p. 48.—*Licht.* Syst. Ind. Az. p. 1.—*Gray*, Gen. B. fol. sp. 5 ; *List B. Brit. Mus.* p. 19.

*Harpyhaliaëtus coronatus*, *Lafresn.* Rev. Zool. 1842, p. 173 ; 1849, p. 391.—*Bonap.* Rev. Zool. 1850, p. 488.

*Aquila sellowii*, *Max.* (*Bonap.* Rev. et Mag. Zool. 1850, p. 488.)

*Thrassaëtus coronatus*, *Bonap.* Consp. Av. p. 29.

*Asturina azaræ*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 68.

*La Coronado*, *Azara*, Pax. Par. i. p. 56. no. 7.

*Habitat.*—Brazil. Paraguay.

78. **CIRCAËTUS FASCIOLATUS**, Gray, 1847.—Mus. Brit.

*Circaëtus fasciolatus*, *Gray*, List B. Brit. Mus. p. 18.

*Habitat.*—Port Natal.

79. **CIRCAËTUS CINERASCENS**, Müller, 1851.

*Circaëtus cinerascens*, *Naum.* Arch. 1851, p. 27.—*Müll.* Nouv. Ois. Af. pl. 6.

*Habitat.*—Central Africa (*Müller*).

Genus **HALIAËTUS**, *Savigny*, 1809.

80. **HALIAËTUS ALBICILLA**, (Linnaeus) 1766.—Mus. Strickland, No. 27. Brit., Zool. Soc.

*Aquila fulva seu aurea*, *Albin*, B. ii. pl. 1.

*A. albicilla*, *Briss.* Orn. i. p. 427. — *Pall.* Zoog. Ross. As. i. p. 345.—*Benick.* Isis, 1824, pp. 878, 892.—*Swains.* Classif. B. ii. p. 207.—*Kuhl*, Beiträg. Zool. pt. 1. p. 76 (anat.).—*Tyzenhauz.* Rev. Zool. 1848, p. 325.—*Bailly*, Orn. Sav. i. p. 101.—*S.-Longch.* Faun. Belg. p. 53.

*A. albicilla minor*, *Briss.* Orn. i. p. 429.

*A. ossifraga*, *Briss.* Orn. i. p. 437 (juv.).—*Kuhl*, Beiträg. Zool. pt. 1. p. 60. pl. 4. f. 1, 2, 3 ; pl. 5. f. 1 (anat.).

*A. leucocephala*, *Meyer*, Taschenb. deutsch. Vögelk. p. 16.

*Vultur albicilla*, *Linn.* Syst. Nat. p. 123.

*Falco ossifragus*, *Linn.* Syst. Nat. p. 124. — *Gmel.* Syst. Nat. p. 255.—*Lath.* Ind. Orn. p. 12 ; Syn. i. p. 30 ; Supp. i. p. 9 ; Gen. Hist. i. p. 48 (juv.).—*Daud.* Tr. Orn. ii. p. 64.—*Shaw*, Zool. vii. pl. 18.—*Raffl.* Linn. Tr. xiii. p. 277 (var.).



*F. albicilla*, *Penn. Brit. Zool.* p. 61. pl. A ; ed. 8vo. 1812, i. p. 209. pl. 18.—*Gmel. Syst. Nat.* p. 253. — *Lath. Ind. Orn.* i. p. 9 ; *Syn. i.* p. 33 ; *Supp. i.* p. 11 ; *Gen. Hist. i.* p. 46 A.—*Odmann, Nov. Act. Soc. Ups.* iv. p. 225. — *Shaw, Zool.* vii. p. 79.—*Temm. Man. Orn.* pt. 1. p. 49 ; pt. 3. p. 26 ; *Tab. Méth.* p. 3.—*Kittl. Kupf. Vög.* pl. 2. f. 2.—*Brünn. Orn. Bor.* p. 3. — *Faber, Prod. Island. Orn.* p. 1. — *Naum. Nat. Vög. Deutschl.* ed. nov. i. p. 224. pl. 12, 13, 14 ; *Nachtr.* p. 330. pl. 9. f. 17.—*Frisch, Vög. Deutschl.* pl. 69, 70.

*F. melanotus*, *Gmel. Syst. Nat.* p. 254.

*F. albicaudus*, *Gmel. Syst. Nat.* p. 258.

*F. hinnularius*, *Lath. Ind. Orn.* p. 15 ; *Syn. i.* p. 39. sp. 16 ; *Gen. Hist. i.* p. 47 B.—*Shaw, Zool.* vii. p. 80.

*F. pygargus*, *Daud. Tr. Orn.* ii. p. 62.

*F. albicilla borealis*, *Faber, Isis*, 1827, p. 56 ; *Prod. Island. Orn.* p. 1.

*Haliaëtus nisus*, *Savig. Deser. Egypt.* pt. 1. p. 86.—*Vieill. Faun. Franç.* p. 10. pl. 5. f. 1, 2. — *Degl. Mem. Soc. Sc. Lille*, 1831, p. 213.—*Less. Tr. Orn.* p. 40. pl. 8. f. 2.—*Roux, Orn. Prov.* i. p. 16. pl. 9, 10.

*H. albicilla*, *Cuv. Règ. An.* ed. 1. i. p. 315 ; ed. 2. i. p. 336.—*Benn. Gard. Zool. Soc.* ii. p. 33. — *Wern. Atl. Ois. Eur.* — *Less. Man. Orn.* i. p. 85.—*Vig. Raffl. Life*, p. 648. — *Selby, Brit. Orn.* i. p. 18. pl. 3, 3\*.—*Gould, Eur. B.* pl. 10.—*Bonap. Eur. & N. Am. B.* p. 3 ; *Cat. Ucc. Eur.* p. 19 ; *Consp. Av.* p. 15 ; *Rev. et Mag. Zool.* 1854, p. 531. — *Cass. B. Calif. & Tex.* i. p. 111.—*Gray, Gen. B.* p. 3 ; ed. 2. p. 4 ; fol. sp. 1. pl. 7. f. 8.—*Brehm, Vög. Deutschl.* i. p. 14. pl. 3. f. 1.

*L'Orfraie*, *Gerard. Tab. Elém. Orn.* i. p. 25.

*Fisch Adler*, *Bechst. Taschen. Deutschl.* i. p. 10.

*Wittkoppige Arend*, *Sepp, Nederl. Voy.* v. p. 417.

*Grand Aigle de mer*, *Buff. Pl. Enl.* 112, 415.

*Aquila di mare*, *Savi, Orn. Tosc.* p. 15.

*Habitat*.—Europe. Asia. Bochara, Albania. Indian Archipelago. Sumatra. America. Greenland (*Sabine*).

81. **HALIAËTUS LEUCOCEPHALUS**, (Linnæus) 1766.—*Mus. Strickland*, No. 28 (juv.). *Jard., Peale, Brit., Edinb., Zool. Soc.*

*Aquila leucocephala*, *Briss. Orn.* i. p. 422.—*Vieill. Ois. Am.*

Sept. pl. 3.—*Pall.* Zoog. Ross. As. i. p. 347.—*Swains.* Classif. B. ii. p. 207 ; An. Mem. p. 160.—*S.-Longch.* Faun. Belg. p. 53.

**A. capite albo**, *Catesb.* Carol. i. pl. 1.

**Falco leucocephalus**, *Linn.* Syst. Nat. p. 124.—*Gmel.* Syst. Nat. p. 255.—*Lath.* Ind. Orn. p. 11 ; Syn. i. p. 29 ; Supp. p. 9 ; Gen. Hist. i. p. 45.—*Penn.* Arct. Zool. pp. 194, 196.—*Wils.* Am. Orn. pl. 36.—*Temm.* Man. Orn. pt. i. p. 52 ; pt. 3. p. 27 ; Tab. Méth. p. 3.—*Shaw*, Zool. vii. p. 78.—*Bonap.* Ann. Lye. N. York, ii. p. 26. — *Green*, Sillim. Am. Journ. iv. p. 89 ; Isis, 1832, p. 1136. — *Audub.* Orn. Biog. i. p. 160 ; B. Am. pl. 31.—*Brew.* Wils. Am. Orn. Synop. p. 683.

**F. candidus**, *Gmel.* Syst. p. 258.—*Lath.* Ind. Orn. p. 14 ; Syn. i. p. 36 ; Gen. Hist. i. p. 240.—*Daud.* Tr. Orn. ii. p. 51.—*Vieill.* Ois. Am. Sept. i. p. 30.

**F. pygargus**, *Daud.* Tr. Orn. ii. p. 62.

**F. ossifragus**, *Wils.* Am. Orn. pl. 55. f. 2 (juv.).

**F. leucogaster A**, *Lath.* Gen. Hist. i. p. 242.

**Vultur albicilla**, *Faber*, Faun. Grœnl. p. 53.

**Haliaëtus leucocephalus**, *Savig.*—*Cuv.* Règ. An. ed. 2. i. p. 326. — *Less.* Tr. Orn. p. 40.—*Steph.* Zool. xiii. pt. 2. p. 13 (exc. syn.).—*James.* Wils. Am. Orn. i. pp. 21, 33. — *Jard.* Wils. Am. Orn. ii. pp. 89, 307.—*Richards.* Faun. Bor. Am. ii. p. 15. — *Benn.* Gard. Zool. Soc. ii. p. 37.—*Bonap.* Eur. & N. Am. B. p. 3 ; Cat. Ucc. Eur. p. 19 ; Consp. Av. p. 15 ; Rev. et Mag. Zool. 1854, p. 531.—*Gould*, Eur. B. pl. 11.—*Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 11.—*Audub.* Synop. B. Am. p. 10.—*Nutt.* Man. Orn. U. S. & Canad. p. 72.—*Peale*, U. S. Expl. Exp. p. 71.—*Peab.* B. Mass. p. 73.—*Giraud*, B. Long Isld. p. 9. — *Woodh.* Sitg. Exp. Zuni & Colorad. p. 59. — *Cass.* B. Calif. & Tex. i. p. 111.—*De Kay*, Zool. N. York, ii. p. 5. pl. 1. f. 1. — *Wern.* Atl. Ois. Eur. — *Brehm*, Vög. Deutschl. p. 17.

**Weisskopfger Adler**, *Meyer*, Taschb. iii.

**Aigle à tête blanche**, *Buff.* Pl. Enl. 411.

**White Eagle**, *Dupr.* Hist. Louis. ii. p. 75 (inacc.).

**White-breasted Eagle**, *Lath.* Gen. Hist. i. p. 241.

**Habitat.**—N. Europe (accidental). N. parts of N. America to lat. 62° N. (summ.). U. S. (resid.)

82. **HALIAËTUS WASHINGTONI**, Audubon, 1828.—Mus.

*Falco washingtoni*, *Audub. Mag. Nat. Hist. ser. 1. i. p. 115* ;  
Orn. Biog. i. p. 58 ; Am. B. pl. 11.—*Brew. Wils. Am. Orn.*  
p. 683.—*James. Wils. Am. Orn. iv. p. 261.*

*F. washingtonianus*, *Nutt. Man. Orn. U. S. & Canad. pl. 67.*

*Haliaëtus washingtoni*, *Jard. Wils. Am. Orn. ii. p. 92.*—*Bonap.*  
Eur. & N. Am. B. p. 3.—*Gray, Gen. B. fol. sp. 4.*—*Audub.*  
Synop. B. Am. p. 10.—*Cass. B. Calif. & Tex. p. 110.*

*H. leucocephalus*, *Bonap. Consp. Av. p. 15.* — *Gray, List B.*  
*Brit. Mus. p. 25.*

*Habitat.*—N. parts of N. America.

83. **HALIAËTUS PELAGICUS**, (Pallas) 1811. — Mus. Leyden,  
Acad. Philad.

*Falco pelagicus*, *Pall. Zoog. Ross. As. i. p. 343. pl. 9.*

*F. leucopterus*, *Temm. Pl. Col. 489.*

*F. imperator*, *Kittl. Kupf. Vög. p. 3.*

*Aquila pelagica*, *Kittl. Kupf. Vög. pl. 2. f. 1* ; *Isis, 1832, p. 1102.*  
—*Boie, Isis, 1833, p. 880.*

*Haliaëtus pelagicus*, *Sieb. Temm. Schleg. Faun. Jap. p. 11.*  
pl. 4.—*Gray, Gen. B. fol. sp. 2. App. p. 1.* — *Cass. B. Calif.*  
& *Tex. i. pp. 31, 110. pl. 6 ♀.*

*Thalassoaëtus pelagicus*, *Kaup, Ueb. Falk. Mus. Senck. p. 261.*  
—*Jard. Cont. Orn. 1850, p. 51.*

*Habitat.*—Japan (*Siebold*). Kamtschatka.

84. **HALIAËTUS VOCIFER**, (Daudin) 1800.—Mus. Jard., Brit.

*Vocifer*, *Levaill. Ois. Af. i. p. 17. pl. 4.*

*Falco vocifer*, *Daud. Tr. Orn. ii. p. 65.*—*Lath. Ind. Orn. Supp.*  
p. 6 ; *Syn. Supp. ii. p. 33* ; *Gen. Hist. i. p. 158.*—*Shaw, Zool.*  
*vii. p. 94.*

*Haliaëtus vocifer*, *Cuv. Règ. An. ed. 1. i. p. 316* ; *ed. 2. i. p. 327.*  
—*Vieill. Nouv. Dict. Hist. Nat. xxviii. p. 227* ; *Enc. Méth.*  
*iii. p. 1194.*—*Vig. Zool. Journ. i. p. 336.* — *Steph. Zool. xiii.*  
*pt. 2. p. 13.*—*Smith, S. Af. Quart. Journ. p. 107.*—*Less. Tr.*  
*Orn. p. 41.*—*Rüpp. Syst. übers. p. 10.*—*Des Murs, Icon. Orn.*  
*pl. 8.*—*Bonap. Consp. Av. p. 15.* — *Gray, Gen. B. fol. sp. 5.*  
—*Schleg. Krit. übers. pp. viii. 31.*

**Cuncuma vocifer**, *Gray*, List B. Brit. Mus. p. 25.

*Habitat*.—S. Africa. Cape Colony, Orange River. N.E. Africa. Sennaar, Abyssinia (*Rüpp.*). Cent. Africa (*Leyland Mus. Jard.*). Greece (accidental) (*Schlegel*).

84a. **HALIAËTUS VOCIFEROIDES**, Desmurs, 1845.—Mus.

**Haliaëtus vociferoides**, *Des Murs*, Rev. Zool. 1845, p. 175 bis ; Icon. Orn. pl. 7.—*Gray*, Gen. B. fol. App. p. 2.

*Habitat*.—Madagascar (*Des Murs*).

85. **HALIAËTUS MACEI**, (Temminck) 1820.—Mus. Strickland, No. 29. Brit., Ashmol., Paris.

**Falco macei**, *Temm.* Pl. Col. 8. 223.

**F. fulvivent**, *Vieill.* Nouv. Dict. Hist. Nat. xxviii. p. 283 (juv. teste Pucheran) ; Enc. Méth. iii. p. 1195.—*Pucher.* Rev. Zool. 1850, p. 81.

**Haliaëtus macei**, *Fig.* Zool. Journ. i. p. 336.—*Steph.* Zool. xiii. pt. 2. p. 14.—*Less.* Tr. Orn. p. 41.—*Cuv.* Règ. An. ed. 2. i. p. 327.—*M'Clell.* Proc. Zool. Soc. pt. 7. p. 153 ; Ann. Nat. Hist. vi. p. 372.—*Blyth*, Journ. As. Soc. Beng. xi. p. 109 ; xix. n. s. p. 341 ; Ann. Nat. Hist. xii. p. 91 ; xiii. p. 114.—*Gray*, Gen. B. fol. sp. 6.—*Tick.* Journ. As. Soc. Beng. xvii. pt. 1. p. 298.—*Hutt.* Journ. As. Soc. Beng. xvii. pt. 2. p. 3.—*Bonap.* Consp. Av. p. 15.

**H. albipes**, *Hodgs.* Journ. As. Soc. Beng. v. p. 228.

**H. unicolor**, *Gray*, Illust. Ind. Zool. pp. 18, 19.

**H. lanceolatus**, *Hodgs.* Gray, Misc. p. 81.

**Aquila macei**, *Less.* Man. Orn. i. p. 84.

**Cuncuma albipes**, *Hodgs.* Journ. As. Soc. Beng. vi. p. 367.

**C. macei**, *Gray*, List B. Brit. Mus. p. 23.

*Habitat*.—India. Bengal, Assam, Nepal, Malasia. Java.

85a. **HALIAËTUS LEUCORYPHUS**, (Pallas) 1771.—Mus. Strickland, No. 30.

**Aquila leucorypha**, *Pall.* Voy. ii. p. 454. sp. 5 ; Zoog. Ross. As. i. p. 352.

**Falco leucoryphos**, *Gmel.* Syst. Nat. p. 259.—*Lath.* Ind. Orn.

p. 17; Syn. i. p. 42; Gen. Hist. i. p. 63.—*Shaw*, Zool. vii. p. 90.—*Daud.* Tr. Orn. ii. p. 71.

*Haliaëtus leucoryphus*, *Keyserl. & Blas.* Wirbelth. Eur. p. 30. no. 31.—*Schleg.* Krit. übers. pp. 8, 29.—*Bonap.* Cat. Ucc. Eur. p. 19.—*Brandt*, Ann. Nat. Hist. xi. p. 113.

*Pontoaëtus leucoryphus*, *Gray*, Gen. B. fol. sp. 2. App. p. 2.

*Habitat.*—E. Europe. W. Asia. Caspian (*Pallas*).

86. **HALIAËTUS MARITIMUS**, (*Wurmb*) 1787.—Mus.

*Falco maritimus*, *Wurmb & Licht.* in Mag. für das Neueste, iv. pp. 2, 6. — *Gmel.* Syst. Nat. p. 260. — *Lath.* Ind. Orn. p. 20; Syn. Supp. ii. p. 23; Gen. Hist. i. p. 146. — *Shaw*, Zool. vii. p. 157.—*Daud.* Tr. Orn. ii. p. 60.

*Haliaëtus maritimus*, *Gray*, Gen. B. fol. sp. 8.

*Habitat.*—Java (*Wurmb*).

87. **HALIAËTUS SINENSIS**, (*Gmelin*) 1789.—Mus.

*Falco sinensis*, *Gmel.* Syst. Nat. p. 264.—*Lath.* Ind. Orn. p. 13; Syn. i. p. 35. pl. 3; Gen. Hist. i. p. 154. pl. 8.—*Shaw*, Zool. vii. p. 88.—*Daud.* Tr. Orn. ii. p. 51.

*Aquila sinensis*, *Steph.* Zool. xiii. pt. 2. p. 16.

*Haliaëtus sinensis*, *Gray*, Gen. B. fol. sp. 9.

*Habitat.*—India (*Gmelin*).

88. **HALIAËTUS LEUCOGASTER**, (*Gmelin*) 1789.—Mus. Strickland, No. 31. Jard., Brit., Paris, Leyden, Vienna.

*Falco leucogaster*, *Gmel.* Syst. Nat. p. 257.—*Lath.* Ind. Orn. p. 13; Syn. i. p. 33\*; Gen. Hist. i. p. 242.—*Daud.* Tr. Orn. ii. p. 49.—*Temm.* Pl. Col. 49.

*F. aquilus*, *Lath.* New S. Wales Dr. ii. no. 2.

*F. blagrus*, *Daud.* Tr. Orn. ii. p. 70.—*Lath.* Ind. Orn. Supp. p. 7; Syn. Supp. ii. p. 34; Gen. Hist. i. p. 159. — *Shaw*, Zool. vii. p. 96.

*F. albicilla*, var., *Lath.* Ind. Orn. Supp. p. 3; Syn. Supp. ii. p. 18; Gen. Hist. i. p. 47.

*Haliaëtus blagrus*, *Cuv.* Règ. An. ed. 1. i. p. 316; ed. 2. i. p. 327.—*Fig.* Zool. Journ. i. p. 336.—*Smith*, S. Af. Journ. i. p. 108.—*Steph.* Zool. xiii. pt. 2. p. 13.—*Less.* Tr. Orn. p. 40.—*Jerd.* Madr. Journ. x. p. 65.—*Bonap.* Cons. Av. p. 15.

*H. leucogaster*, *Vig.* Zool. Journ. i. p. 336.—*Steph.* Zool. xiii. pt. 2. p. 13. — *Less.* Man. Orn. i. p. 85. — *Gould*, Synop. B. Aust. pt. 3. pl. 37. f. 1 ; Cat. Mus. E.I.C. p. 56.

*H. sphenurus*, *Gould*, Proc. Zool. Soc. pt. 5. pp. 97, 138 ; Synop. B. Aust. pt. 3. pl. 37. f. 2 (juv.).

*Ichthyaëtus leucogaster*, *Gray*, List B. Brit. Mus. 1844, p. 13. — *Gould*, B. Aust. i. pl. 3. Intr. p. 21.

*I. cultrunguis*, *Blyth*, Journ. As. Soc. Beng. xi. p. 110 (juv.) ; Ann. Nat. Hist. xii. pp. 92, 230 ; xiii. p. 114.

*Pontoaëtus leucogaster*, *Gray*, Gen. B. fol. sp. 5. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 74.—*Kelaart*, Prod. Faun. Zeyl. p. 15.

*P. blagrus*, *Gray*, Gen. B. fol. sp. 4.

*Blagrus leucogaster*, *Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 341.

*Cuncuma leucogaster*, *Gray*, List B. Brit. Mus. p. 24.

*Blagre*, *Levaill.* Ois. Af. pl. 5.

*Kumpa-maur Eagle*, *Lath.* Gen. Hist. i. p. 151.

Port Jackson Falcon, *Lath.* Gen. Hist. i. p. 220.

*Habitat.*—Friendly Islands. Celebes ? (*Lesson*). Philippine Isles. S. Australia. Van Diemen's Land. S. Africa (*Levaillant*, *Dr. Smith*).

88 a. **HALIAËTUS DIMIDIATUS**, (*Raffles*) 1822. — Mus. Zool. Soc.

*Falco dimidiatus*, *Raffl.* Linn. Trans. xiii. p. 277.

*Haliaëtus dimidiatus*, *Vig.* Raffl. Life, p. 648.—*Gray*, Gen. B. fol. sp. 10.

*Habitat.*—Indian Archipelago. Sumatra.

Genus **GERANOAËTUS**, *Kaup*. 1844.

89. **GERANOAËTUS MELANOLEUCUS**, (*Viellot*) 1817.—Mus. Strickland, No. 32. Brit., Paris, Leyden.

*Aquila obscura y blanca*, *Azar.* Pax. Par. no. 8.

*A. aguia*, *Less.* Man. Orn. i. p. 84.

*Spizaëtus melanoleucus*, *Viell.* Nouv. Dict. Hist. Nat. xxxii. p. 57 ; Enc. Méth. iii. p. 1256.



*S. fuscescens*, *Vieill.* Nouv. Dict. Hist. Nat. xxxii. p. 55.

*Haliaëtus aguia*, *Cuv.* Règ. An. ed. 2. i. p. 327.—*Less.* Tr. Orn. p. 42.—*Benn.* Gard. Zool. Soc. ii. p. 85.—*Bridg.* Proc. Zool. Soc. pt. 11. p. 108 ; Ann. Nat. Hist. xiii. p. 198.—*Lafresn.* in Rev. Zool. 1849, p. 99.

*H. melanoleucus*, *D'Orbig.* Lafresn. Syn. Av. p. 3 ; Voy. Am. Mérid. Ois. p. 76.—*Gray*, List B. Brit. Mus. 1844, p. 12.

*Falco aguia*, *Temm.* Pl. Col. 302.

*Geranoaëtus aguja*, *Kaup*, Class. Saug. u. Vög. p. 122.

*G. aguia*, *Bonap.* Consp. Av. p. 15.

*Pontoaëtus melanoleucus*, *Gray*, Gen. B. fol. sp. 6. App. p. 2.

*Heteroaëtus aguia*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 74.

*Buteo aguya*, *Tschudi*, Av. Consp. Wieg. Arch. 1844, p. 264 ; Faun. Per. p. 89.

*Cuncuma melanoleucus*, *Gray*, List B. Brit. Mus. 1848, p. 25.

*Habitat.*—Paraguay, Brazil, Patagonia, Chili.

### Genus **AQUILA**, *Brisson.* 1760.

90. **AQUILA CHRYSÆTUS**, (*Linnæus*) 1760. — Mus. Peale, Edinb., Brit., Zool. Soc., Jard.

*Aquila valeria*, *Albin*, B. ii. pl. 2.

*A.* —, *Briss.* Orn. i. p. 419.

*A. alba*, *Briss.* Orn. i. p. 424.

*A. melanaëtus*, *Briss.* Orn. i. p. 434 (from *Frisch*, 69).

*A. chrysaëtus*, *Briss.* Orn. i. p. 431. — *Cuv.* Règ. An. ed. 1. i. p. 314 ; ed. 2. i. p. 324. — *Steph.* Zool. xiii. pt. 2. p. 15. — *Richards.* Faun. Bor. Am. ii. p. 12.—*Benn.* Gard. Zool. Soc. ii. pp. 145, 151.—*Jard.* (Wils.) Am. Orn. ii. p. 304.—*Baillon*, Mém. Soc. Em. Abbeville, 1833, p. 56.—*Gould*, B. Eur. pl. 6. — *Swains.* Classif. B. ii. p. 207.—*Bonap.* Eur. & N. Am. B. p. 2.—*Sykes*, Proc. Comm. Zool. Soc. pt. 1. p. 79 ; Journ. As. Soc. Beng. iii. p. 419.—*Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 335.—*Gray*, Gen. B. p. 2 ; ed. 2. p. 3 ; fol. sp. 1. pl. 7. f. 1 ; List B. Brit. Mus. p. 9 ; Gen. & Subgen. Brit. Mus. p. 3.—*Selby*, Brit. B. i. p. 12. pls. 1, 1\*, 2. — *Mühle*, Orn. Griechl. p. 20.—*Couch*, Corn. Faun. p. 10. — *Jard.* Brit. B. i. p. 165. pl. 12. — *Thomps.* B. Ireland, i. p. 1. — *Bonap.* Consp. Av.



p. 13.—*Cass. B. Calif. & Tex.* p. 109 ; *De Kay*, Zool. N. York, ii. p. 4. pl. 6. f. 14 (juv.). — *Bonnat*. Enc. Méth. p. 4. — *S.-Longch.* Faun. Belg. p. 52. — *V. d. Hoev.* Handb. Dierk. p. 812.

*A. regia*, *Less.* Tr. Orn. p. 36. pl. 8. f. 1.

*A. fulva*, *Meyer*, Taschenb. deutsch. Vögelk. i. p. 14. — *Brehm*, Vög. Deutschl. pp. 19, 20, 21. — *Selby*, Brit. B. i. p. 12. — *Thomps.* B. Irel. p. 1. — *Bonap.* Cat. Ucc. Eur. p. 18. — *Vieill.* Faun. Franç. p. 7. pl. 4. f. 1. — *Roux*, Orn. Prov. i. p. 11. pl. 6. — *Kuhl*, Beiträg. Zool. p. 78 (Aust.). — *Tyzenhauz.* Rev. Zool. 1846, p. 323. — *Nutt.* Man. Orn. U. S. & Canad. p. 62. — *Peab.* B. Mass. p. 71. — *Asso*, Zool. Arag. p. 67.

*A. nobilis*, *Pall.* Zoog. Ross. As. i. p. 338.

*Falco canadensis*, *Linn.* Syst. Nat. ed. 10. p. 88.

*F. chrysaëtos*, *Linn.* Syst. Nat. p. 125. — *Gmel.* Syst. Nat. p. 256. — *Lath.* Ind. Orn. p. 12 ; Syn. i. p. 31 ; Gen. Hist. i. p. 55. — *Shaw*, Zool. vii. pl. 17. — *Daud.* Tr. Orn. ii. p. 46. — *Selby*, Mem. Wern. Soc. iv. p. 428 ; Ill. Brit. Orn. i. p. 4. — *Farr.* Brit. B. i. p. 7. — *Lubb.* Faun. Norf. p. 13.

*F. fulvus*, *Linn.* Syst. Nat. p. 125. — *Gmel.* Syst. Nat. p. 256. — *Lath.* Ind. Orn. p. 10 ; Syn. i. p. 32 ; Gen. Hist. i. p. 53. — *Shaw*, Zool. vii. p. 71. — *Wils.* Am. Orn. pl. 55. f. 1. — *J. Wils.* Mem. Wern. Soc. ii. p. 570 ; iv. p. 434. — *Cuv.* Règ. An. ed. 1. i. p. 314 ; ed. 2. i. p. 324. — *Savig.* Desc. Egypt. pt. 1. p. 82. — *Temm.* Man. Orn. pt. 1. p. 38, pt. 3. p. 19 ; Tab. Méth. p. 3. — *Bonap.* Ann. Lyc. N. York, ii. p. 25 ; Isis, 1832, p. 1136. — *Bailly*, Orn. Sav. i. p. 86.

*F. fulvus*  $\beta$ , *Linn.* Syst. Nat. p. 125. — *Gmel.* Syst. Nat. p. 256. — *Lath.* Ind. Orn. p. 11 ; Syn. i. p. 32 ; Gen. Hist. i. p. 54 A. — *James.* (Wils.) Am. Orn. i. p. 20. — *Degl.* Mem. Soc. Sc. Lille, 1831, p. 212. — *Naum.* Nat. Vög. Deutschl. ed. nov. p. 208. pl. 8, 9. — *Malh.* Faun. Orn. Sicil. p. 28.

*F. melanaëtus*, *Linn.* Syst. Nat. p. 124. — *Gmel.* Syst. Nat. p. 254. — *Lath.* Ind. Orn. p. 10 ; Syn. i. p. 28 ; Gen. Hist. i. p. 54 B. — *Shaw*, Zool. vii. p. 74. — *Daud.* Tr. Orn. ii. p. 49.

*F. melanonotus*, *Lath.* Ind. Orn. p. 16 ; Syn. i. p. 42 ; Gen. Hist. i. p. 239. — *Shaw*, Zool. vii. p. 86.

*F. niger*, *Gmel.* Syst. Nat. p. 359. — *Daud.* Tr. Orn. ii. p. 59.

*F. albus*, *Gmel.* Syst. Nat. p. 237 (albino var.).

*F. cygneus*, *Lath.* Ind. Orn. p. 14 ; Syn. i. p. 36 ; Gen. Hist. i. p. 56 A. — *Shaw*, Zool. vii. p. 76 (albino var.).

*F. aquila*, *Daud.* Tr. Orn. ii. p. 47 ; B. Tr. Orn. ii. p. 48. — *Bechst.* Taschenb. deutschl. vi. no. 2.

*F. conciliator*, *Shaw*, Zool. vii. p. 77. — *Nilsson*, Skand. Faun. pl. 1, 16.

*Aquila reale*, *Savi*, Orn. Tosc. i. p. 20.

*Aigle*, *Perrault*, Ouvr. adopt. Ac. Par. i. p. 290. pl. anat.

*Aigle commun*, *Buff.* Pl. Enl. 409.—*Gerard*. Tab. Elem. Orn. p. 20.

*Grande Aigle*, *Buff.* Pl. Enl. 410.—*Gerard*. Tab. Elem. Orn. i. p. 17.

*White-tailed Eagle*, *Edwards*, B. pl. 1.

*Black-backed Eagle*, *Brown*, Ill. Zool. pl. 2.

*Black Eagle*, *Penn.* Arct. Zool. p. 195.

*Habitat*.—Europe generally. Albania. Nepal. N. Africa. Morocco. N. parts of N. America. Rocky Mountains to lat. 66° N.

91. **AQUILA MOGILNIK**, (Gmelin) 1776.—Mus. Brit.

*Aquila mogilnik*, *Gmel.* Nov. Com. Petrop. xv. p. 445. pl. 116.  
—*Blyth*, Journ. As. Soc. Beng. xv. p. 5 ; xix. n. s. p. 336.  
—*Gray*, List B. Brit. Mus. p. 10.

*A. heliaca*, *Savig.* Desc. Egyp. pt. 1. p. 82 ; pt. 4. p. 259. pl. 12.  
—*Vieill.* Gal. Ois. pl. 9.—*Less.* Tr. Orn. p. 36.—*Steph.* Zool. xiii. pt. 2. p. 15.—*Vig.* Zool. Journ. iii. p. 337.—*Gould*, Eur. B. pl. 5.—*Bonap.* List Eur. & N. Am. B. p. 2 ; Cat. Ucc. Eur. p. 18 ; Consp. Av. p. 13.—*Gray*, Gen. B. fol. sp. 2.

*A. imperialis*, *Cuv.* Règ. An. ed. 2. i. p. 325.—*Savi*, Orn. Tosc. i. p. 17. — *Michah.* Isis, 1850, p. 887. — *Swains.* Classif. B. ii. p. 207.—*Blyth*, Ann. Nat. Hist. xiii. p. 114.—*Tyzenhauz.* Rev. Zool. 1846, p. 322.—*Bailly*, Orn. Sav. i. p. 83.—*V. d. Hoev.* Handb. Dierk. p. 812.

*A. chrysaëtos*, *Leisl.* Ann. der Wetterau, ii. p. 170.—*Jerd.* Madr. Journ. x. p. 66.

*Falco mogilnik*, *Gmel.* Syst. Nat. p. 259. — *Lath.* Ind. Orn. p. 17 ; Syn. i. p. 43. sp. 24 ; Gen. Hist. i. p. 52.—*Daud.* Tr. Orn. ii. p. 56.—*Shaw*, Zool. vii. p. 87.

*F. imperialis*, *Bechst.* Taschenb. Deutschl. iii. p. 553.—*Temm.* Pl. Col. 151, 152 ; Man. Orn. pt. 1. p. 36 ; pt. 3. p. 18.—*Lath.* Gen. Hist. i. p. 51.—*Naum.* Nat. Vög. Deutschl. iv. p. 109. pl. 10. f. 18 ; ed. nov. p. 201. pl. 6, 7.—*Meyer*, Taschenb. deutsch. iii. p. 5.—*Brehm*, Vög. Deutschl. p. 22.—*Werner*, Atl. Ois. Eur.

*Gold Adler*, *Koch*, Baier. Zool. p. 111.

**Brown-backed Eagle**, *Lath.* Gen. Hist. i. p. 149.

*Habitat.*—S. of Europe. Germany, Tyrol, Russia. Hungary. Dalmatia. Turkey. Cerigo. Africa, Egypt, Barbary. Asia. India, Nepal.

91 *a.* **AQUILA BIFASCIATA**, Gray, 1832.—Mus. Brit.

*Aquila bifasciata*, *Gray*, *Hardw. Ind. Zool.* pl. 17 ; *Gen. B. fol.* sp. 3. *App.* p. 1 ; *List B. Brit. Mus.* p. 6. — *Sykes*, *Proc. Comm. Zool. Soc.* pt. 2. p. 79 ; *Journ. As. Soc. Beng.* iii. p. 419.—*Hutton*, *Journ. As. Soc. Beng.* xvi. p. 775.—*Blyth*, *Journ. As. Soc. Beng.* xv. p. 5.

*A. nipalensis*, *Pears.* *Journ. As. Soc. Beng.* ii. p. 419.—*Hodgs.* *As. Res.* xviii. pt. 2. p. 13. pl. 1.

*Habitat.*—S. Asia. India. Nepal. Arracan. Candahar.

92. **AQUILA NÆVIA**, (Gmelin) 1789.—Mus. Brit.

*Aquila nævia*, *Briss.* *Orn.* i. p. 425 (from *Frisch*, 71).—*Buff.* *Ois.* ed. *Sonn.* i. p. 250 (exc. fig.).—*Meyer*, *Taschenb. deutsch. Vögelk.* i. p. 19 ; *Vög. Liv. und Esthl.* p. 6.—*Cuv.* *Règ. An.* ed. 1. i. p. 314 ; ed. 2. i. p. 325.—*Less.* *Tr. Orn.* p. 37.—*Vig.* *Zool. Journ.* i. p. 337.—*Steph.* *Zool.* xiii. pt. 2. p. 15.—*Audouin*, *Desc. Egypt.* pt. iv. p. 258. pl. 1, 2. f. 1.—*Gould*, *Eur. B.* pl. 8.—*Swains.* *Classif. B.* ii. p. 207.—*Bonap.* *List Eur. & N. Am.* B. p. 2 ; *Cat. Ucc. Eur.* p. 18 ; *Consp. Av.* p. 14.—*Gray*, *Gen. B. fol.* sp. 4 ; *List B. Brit. Mus.* p. 10. — *Tyzenhauz.* *Rev. Zool.* 1846, p. 323.—*Blyth*, *Journ. As. Soc. Beng.* xv. p. 6.—*S.-Longch.* *Faun. Belg.* p. 52.—*Brehm*, *Vög. Deutschl.* p. 26.—*Morris*, *Brit. B.* p. 28. pl. 5.

*A. melanaëtos*, *Savig.* *Desc. Egypt.* pt. 1. p. 84. pl. 1, 2. f. 1.

*A. clanga*, *Pall.* *Zoog. Ross. As.* i. p. 351.

*A. bifasciata*, (*Hornschuch?*) *Brehm*, *Vög. Deutschl.* p. 25 (juv.).

*A. planga*, *Vieill.* *Enc. Méth.* iii. p. 1190 ; *Faun. Franç.* p. 8. pl. 4. f. 2.—*Bailly*, *Orn. Sav.* i. p. 96.—*Roux*, *Orn. Prov.* i. p. 14. pl. 7, 8.

*A. anatraja*, *Savi*, *Orn. Tosc.* i. p. 22.

*A. pomeriana*, *Brehm*, *Vög. Deutschl.* p. 27.

*Falco nævius*, *Gmel.* *Syst. Nat.* p. 258. — *Lath.* *Ind. Orn.* i. p. 14 ; *Syn.* i. p. 37 ; *Gen. Hist.* i. p. 65.—*Daud.* *Tr. Orn.* ii. p. 52.—*Shaw*, *Zool.* vii. p. 84.—*Temm.* *Man. Orn.* pt. 1. p. 42 ; pt. 3. p. 23. — *Bruch*, *Isis*, 1824, p. 577. — *Wern.* *Atl. Ois.*

Eur.—*Naum.* Nat. Vög. Deutschl. ed. nov. i. p. 217. pl. 10, 11. f. 1, 2.—*Nachtr.* pt. 7. p. 365. pl. 52. f. 98.

**F. maculatus**, *Gmel.* Syst. Nat. p. 258.—*Lath.* Ind. Orn. p. 15 ; Syn. i. p. 37 ; Gen. Hist. i. p. 66.—*Daud.* Tr. Orn. ii. p. 52.—*Shaw*, Zool. vii. p. 70.

**Schreyadler**, *Bechst.* Taschenb. i. p. 11. sp. 6.—*Brehm*, Vög. Deutschl. p. 26.

**Brown-backed Eagle A**, *Lath.* Gen. Hist. i. p. 150.

*Habitat.*—E. Europe. Africa. Egypt, Congo, Barbary. Asia. Arabia, Persia, Bengal, Himalaya, Central India.

92 a. **AQUILA FUSCA**, (Vieillot) 1819.—Mus.

*Spizaëtus fuscus*, *Vieill.* Nouv. Dict. Hist. Nat. xxxii. p. 60 ; Enc. Méth. p. 1258.—*Gray*, Gen. B. fol. sp. 3. App. p. 1.—*Pucher.* Rev. Zool. 1850, p. 95.

*Habitat.*—N. Europe. (Enc. Méth.)

93. **AQUILA NÆVIOIDES**, Cuvier, 1829.—Mus. Brit., Jard.

*Aquila nævioides*, *Cuv.* Règ. An. ed. 2. i. p. 326. — *Less.* Tr. Orn. p. 39.—*Gray*, Gen. B. fol. sp. 6 ; List B. Brit. Mus. p. 11.—*Pucher.* Rev. Zool. 1850, p. 5.—*Bonap.* Consp. Av. p. 14.

**A. choka**, *Smith*, S. Af. Quart. Journ. p. 114.

**A. senegala**, *Cuv.* Règ. An. ed. 2. i. p. 326. — *Less.* Tr. Orn. p. 39.—*Gray*, Gen. B. fol. sp. 8.—*Pucher.* Rev. Zool. 1850, pp. 4, 208.

**A. rapax**, *Less.* Tr. Orn. p. 37.

**A. vulturina**, *Benn.* Gard. Zool. Soc. ii. p. 288 (nec *Smith*).

**A. albicans**, *Rüpp.* Neue Wirbelth. pp. 34, 44. pl. 13. — *Gray*, Gen. B. fol. sp. 7.

**Falco rapax**, *Temm.* Pl. Col. 455.—*Rüpp.* Syst. übers. p. 10.

**F. belisarius**, Exp. Sc. Alger. Ois. pl. 2.

*Habitat.*—S. Africa. Cape of Good Hope. Abyssinia. Senegal. Algeria.

93 a. **AQUILA VINDHIANA**, Franklin, 1830.—Mus. E. I. Comp.

*Aquila vindhiana*, *Frankl.* Proc. Comm. Zool. Soc. pt. 1. p. 114 ; Journ. As. Soc. Beng. i. p. 261.—*Jerd.* Madr. Journ. x. p. 67.

**A. fulvescens**, *Gray*, Ind. Zool. pl. 29 ; List B. Brit. Mus. p. 6 ;

Gen. B. fol. sp. 5. App. p. 1.—*Blyth*, Journ. As. Soc. Beng. xv. pp. 6, 8.

*A. nævioides*, *Gray*, List B. Brit. Mus. p. 11.

*A. nævia*, *Blyth*, Ann. Nat. Hist. xiii. p. 114.

*A. punctata*, *Gray*, Ill. Ind. Zool. p. 27.

*A. fusca*, *Gray*, Ill. Ind. Zool. pp. 1, 16.

Cawnpoor Eagle, *Lath.* Gen. Hist. i. p. 153.

*Habitat.*—S. Asia. Nepal. India, Central and South.

94. **AQUILA MALAYENSIS**, (Temminck) 1824. — Mus. Brit., Paris, Leyden, Zool. Soc., E. Ind. Comp. (Nepal).

*Falco malayensis*, *Temm.* Pl. Col. 117 ; *Féruss.* Bull. Sc. Nat. i. p. 179.—*Begb.* Journ. Mal. Penins. p. 512.

*Aquila malayensis*, *Vig.* Zool. Journ. i. p. 337.—*Steph.* Zool. xiii. pt. 2. p. 15.—*Less.* Man. Orn. i. p. 83.—*Cuv.* Règ. An. ed. 2. i. p. 326. — *Gray*, Gen. B. fol. sp. 15 ; List B. Brit. Mus. p. 13.

*A. malayana*, *Less.* Tr. Orn. p. 3.

*Morphnus hastatus*, *Less.* Voy. Bélang. p. 217.

*Neopus perniger*, *Hodgs.* *Gray*, Zool. Misc. p. 81.

*Habitat.*—Malay Islands. Java. Sumatra.

95. **AQUILA PENNATA**, (Gmelin) 1789.—Mus. Brit., Zool. Soc.

*Falco pedibus pennatis*, *Briss.* Orn. vi. App. p. 22. pl. 1.

*F. pennatus*, *Gmel.* Syst. Nat. p. 272.—*Lath.* Ind. Orn. p. 19 ; Syn. i. p. 75. sp. 55 ; Gen. Hist. i. p. 69.—*Daud.* Tr. Orn. ii. p. 106.—*Shaw*, Zool. vii. p. 146.—*Temm.* Man. Orn. pt. 1. p. 44, pt. 3. p. 23 ; Pl. Col. 33.—*Wern.* Atl. Ois. Eur.

*F. lagopus*, var., *Lath.* Gen. Hist. i. p. 69, desc. ult.

*Aquila pennata*, *Vig.* Zool. Journ. i. p. 337.—*Steph.* Zool. xiii. pt. 2. p. 15. — *Cuv.* Règ. An. ed. 2. i. p. 325. — *Less.* Man. Orn. i. p. 83 ; Tr. Orn. p. 37.—*Swains.* Classif. B. ii. p. 207. — *Gray*, Gen. B. fol. sp. 11 ; List B. Brit. Mus. p. 13.—*Gould*, Eur. B. pl. 9.—*Bonap.* Eur. & N. Am. B. p. 2 ; Cat. Ucc. Eur. p. 18 ; Consp. Av. p. 14.—*Vieill.* Faun. Franç. p. 415. pl. 166. f. 2.—*Blyth*, Ann. Nat. Hist. xiii. pp. 113, 177 ; Cat. Mus. E.I.C. p. 43. — *Brehm*, Vög. Deutschl. p. 28.—*Meyer*, Zusätze Taschenb. deutsch. Vögelk. i. p. 10.

*A. minuta*, *Brehm*, Vög. Deutschl. i. p. 29. pl. 2. f. 2.

*Spizaëtus milvoides*, *Jerd.* Madr. Journ. x. p. 75.

*Butaëtus pennatus*, *Blyth*, Journ. As. Soc. Beng. xiv. p. 174.

*Hieraëtus pennatus*, *Blyth*, Journ. As. Soc. Beng. xv. p. 7 ; xvi. p. 879 ; xix. n. s. p. 337.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 69.

*Butaquila strophciata*, *Hodgs.* Calc. Journ. Nat. Hist. viii. p. 96.

*Archibuteo strophciatus*, *Gray*, Gen. B. fol. sp. 4.

*Habitat*.—E. Europe. Asia. Trebizond, India. Africa, Egypt, Cape of Good Hope.

96. **AQUILA FASCIATA**, Vieillot, 1822.—Mus. Brit.

*Aquila fasciata*, *Vieill.* Soc. Linn. Par. (Mémoires) p. 152 ; Enc. Méth. iii. p. 1192 ; Faun. Franç. p. 414. pl. 166. f. 1.—*Degl.* Orn. Eur. i. p. 28.

*A. bonellii*, *Savi*, Orn. Tosc. — *Less.* Man. Orn. i. p. 83 ; Tr. Orn. p. 38. — *Michah.* Isis, 1830, p. 887. — *Gould*, Eur. B. pl. 7.—*Bonap.* List Eur. & N. Am. B. p. 2 ; Cat. Ucc. Eur. p. 18 ; Consp. Av. p. 14. — *Schl.* Krit. übers. pp. 7, 22. — *Susem.* Vög. Eur. — *Blyth*, Ann. Nat. Hist. xiii. p. 114. — *Gray*, Gen. B. fol. sp. 9 ; List B. Brit. Mus. p. 11.—*Kelaart*, Prod. Faun. Zeyl. p. 11.

*A. intermedia*, *Bonell.* Mem. Ac. Turin.

*Falco bonellii*, *Temm.* Man. Orn. pt. 3. p. 19 ; Pl. Col. 288.—*Marmora*, Mem. Ac. Roy. Turin, xxxvii. p. 110. pl. 1.

*Nisaëtus grandis*, *Hodgs.* Journ. As. Soc. Beng. v. p. 230. — *Jerd.* Ill. Ind. Orn. pl. 1.

*N. niveus*, *Jerd.* Madr. Journ. x. pp. 69, 234.

*Spizaëtus grandis*, *Blyth*, Journ. As. Soc. Beng. xii. p. 301.—*Gray*, List B. Brit. Mus. p. 8.

*Tolmaëtus bonellii*, *Blyth*, Journ. As. Soc. Beng. xv. p. 5.

*Eutolmaëtus bonellii*, *Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 335.

Genoese Eagle, *Lath.* Gen. Hist. i. p. 53.

*Habitat*.—Sardinia. Egypt. Tripoli. Tunis. Asia. Cashmere (*Vigne*), Nepal, India generally.

97. **AQUILA BELLICOSA**, Daudin, 1800.—Mus. Brit.

*Falco bellicosus*, *Daud.* Tr. Orn. ii. p. 38. — *Lath.* Ind. Orn. Supp. p. 2 ; Syn. Supp. ii. p. 16 ; Gen. Hist. i. p. 142.



**F. armiger**, *Shaw*, Zool. vii. p. 57.

**Aquila armigera**, *Cuv. Règ. An.* ed. 1. i. p. 314 ; ed. 2. i. p. 326.  
—*Less. Tr. Orn.* p. 38.

**A. bellicosa**, *Steph. Zool.* xiii. pt. 2. p. 15. — *Fig. Zool. Journ.* i. p. 337. — *Gray*, List B. Brit. Mus. p. 5 ; Gen. B. fol. sp. 12.

**Eutolmaëtus bellicosus**, *Blyth*, Journ. As. Soc. Beng. xiv. p. 174.

**Spizaëtus bellicosus**, *Bonap. Consp. Av.* i. p. 28. — *Gray*, List B. Brit. Mus. p. 14.

**Griffard**, *Levaill. Ois. Af.* pl. 1.

*Habitat.*—S. Africa, Great Namaquas. W. Africa (*A. Smith*).

98. **AQUILA AUDAX**, (*Latham*) 1801.—*Mus. Jard., Brit., Linn. Soc., Paris, Leyden.*

**Vultur audax**, *Lath. New S. Wales Dr.* i. no. 43 ; *Ind. Orn. Supp.* p. 2 ; *Gen. Hist.* i. p. 33. — *Shaw*, Zool. vii. p. 45.

**Aquila albirostris**, *Vieill. Nouv. Dict. Hist. Nat.* i. p. 229 ; *Enc. Méth.* iii. p. 1191. — *Pucher. Rev. Zool.* 1850, p. 81.

**A. fucosa**, *Fig. Zool. Journ.* i. p. 337 ; *Linn. Tr.* xv. p. 188. — *Steph. Zool.* xiii. pt. 2. p. 16. — *Less. Man. Orn.* i. p. 84 ; *Tr. Orn.* p. 39. — *Cuv. Règ. An.* ed. 2. i. p. 326. pl. 3. f. 1. — *Benn. Gard. Zool. Soc.* ii. p. 293. — *Swains. Classif. B.* i. p. 308. — *Gould, Synop. B. Aust.* pt. 3. pl. ; *B. Aust.* i. pl. 1.

**A. audax**, *Gray*, *Ann. Nat. Hist.* xi. p. 189 ; *Gen. B. fol. sp.* 16 ; *List B. Brit. Mus.* p. 12. — *Bonap. Consp. Av.* p. 14.

**A. cuneicaudata**, *Brehm, Isis*, 1845, p. 356.

**Falco fucosus**, *Temm. Pl. Col.* 32.

**Uroaëtus audax**, *Kaup, Monog. Falc. Cont. Orn.* 1850, p. 70.

**Bald Eagle**, *Lath. Syn. Supp.* ii. p. 10.

**Mountain Eagle**, *Collins, New S. Wales*, 1802, ed. 1. ii. p. 288 ; ed. 2. p. 526. pl. 31. — *Lath. Gen. Hist.* i. p. 215.

*Habitat.*—Australia. Port Jackson. Van Diemen's Land.

99. **AQUILA MORPHNOIDES**, *Gould*, 1840.—*Mus. Eyton.*

**Aquila morphnoides**, *Gould, Proc. Zool. Soc.* pt. 8. p. 161 ; *Ann. Nat. Hist.* viii. p. 68 ; *B. Aust.* i. pl. 2. — *Gray*, *Gen. B. fol. sp.* 10. — *Bonap. Consp. Av.* p. 14.

**Butaëtus morphnoides**, *Blyth, Journ. As. Soc. Beng.* xiv. p. 546.



*Hieraëtus morphnoides*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 69.

*Habitat*.—S. Australia. Upper Hunter River. New S. Wales.

100. **AQUILA VERREAUXI**, Lesson, 1830.—Mus. M. Audenet, Brit.

*Aquila verreauxi*, *Less.* Cent. Zool. pl. 38 ; Tr. Orn. p. 645.—*Des Murs*, Rev. Zool. 1848, p. 95.

*A. vulturina*, *Smith*, S. Af. Quart. Journ. 1812 ; Proc. Zool. Soc. pt. 1. 1833, p. 45.

*Habitat*.—S. Africa. Cape Colony (*Smith*). Algoa Bay.

101. **AQUILA VULTURINUS**, (Daudin) 1800.—Mus. Brit.

*Falco vulturinus*, *Daud.* Tr. Orn. ii. p. 53. — *Luth.* Ind. Orn. Supp. p. 2 ; Syn. Supp. ii. p. 15 ; Gen. Hist. i. p. 141. — *Shaw*, Zool. vii. p. 58.

*F. niger*, *James.* Edinb. N. Phil. Journ.

*Gypaëtus*, *Temm.* Man. Orn. pt. 1. p. 11.

*G. cafer*, *Ranz.* Elem. Zool. iii. p. 45.

*Haliaëtus vulturinus*, *Vig.* Zool. Journ. i. p. 336.—*Steph.* Zool. xiii. pt. 2. p. 13.—*Cuv.* Règ. An. ed. 2. i. p. 327.—*Less.* Tr. Orn. p. 42.

*Aquila vulturina*, *Gray*, List B. Brit. Mus. p. 12 ; Gen. B. fol. sp. 14.—*Bonap.* Consp. Av. p. 14.

*Pteroaëtus vulturina*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 69.

*Caffre*, *Levaill.* Ois. Af. pl. 6.—*Lafresn.* Rev. Zool. 1844, p. 217.

*Habitat*.—S. Africa. Caffraria.

Genus **PANDION**, *Savigny.* 1809.

102. **PANDION HALIAËTUS**, (Linnæus) 1766. — Mus. Strickland, No. 33. Jard., Edinb., Brit.

*Aquila haliaëtus*, *Briss.* Orn. i. p. 440. pl. 34.—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 23 ; Vög. Deutschl. ii. pt. 23. — *S.-Longch.* Faun. Belg. p. 53.

*Falco haliaëtus*, *Linn.* Syst. Nat. p. 129.—*Gmel.* Syst. Nat. p. 263.—*Daud.* Tr. Orn. ii. p. 67.—*Lath.* Ind. Orn. p. 17 ;

Syn. i. p. 45 ; Supp. i. p. 13 ; Gen. Hist. i. p. 58. — *Penn.* Brit. Zool. pl. A. f. 1. — *Shaw*, Zool. vii. p. 82. — *Temm.* Man. Orn. pt. 1. p. 47 ; pt. 3. p. 25 ; Tab. Méth. p. 3. — *Bonap.* Ann. Lyc. N. York, ii. p. 26. — *Wern.* Atl. Ois. Eur. — *Naum.* Nat. Vög. Deutschl. iv. p. 113. pl. 11. f. 19 ; ed. nov. i. p. 241. pl. 16.

**F. arundinaceus**, *Gmel.* It. Sib. ; Syst. Nat. p. 263. — *Daud.* Tr. Orn. ii. p. 69.

**F. haliaëtus**  $\beta$ , *Lath.* Ind. Orn. i. p. 18 ; Gen. Hist. i. p. 60.

**Pandion fluvialis**, *Savig.* Descr. Egypt. pt. i. p. 96. — *Less.* Tr. Orn. p. 45. pl. 9. f. 1. — *Vieill.* Faun. Franç. p. 11. pl. 6. f. 1. — *Degl.* Mém. Soc. Sc. Lille, 1831, p. 214. — *Bailly*, Orn. Sav. i. p. 104. — *Roux*, Orn. Prov. i. p. 19. pl. 11.

**P. haliaëtus**, *Less.* Man. Orn. i. p. 86. — *Cuv.* Règ. An. ed. 2. i. p. 327. — *Steph.* Zool. xiii. pt. 2. p. 12. — *Gould*, Eur. B. pl. 12. — *Swains.* Classif. B. ii. p. 207. — *Bonap.* Eur. & N. Am. B. p. 3 ; Cat. Ucc. Eur. p. 19 ; Consp. Av. p. 16. — *Gray*, Gen. B. p. 3 ; ed. 2. p. 4 ; fol. sp. 1. pl. 7. f. 5 ; List B. Brit. Mus. p. 22. — *Morris*, Brit. B. p. 31. pl. 6. — *Jerd.* Madr. Journ. x. p. 64. — *Blyth*, Ann. Nat. Hist. xii. p. 92. — *V. d. Hoëv.* Handb. Dierk. p. 813.

**P. alticeps et planiceps**, *Brehm*, Vög. Deutschl. p. 33 ; Isis, 1832, p. 735.

**P. indicus**, *Hodgs.* Cat. Gray's Misc. p. 81.

**Flusadler**, *Bechst.* Taschenb. Deutschl. i. p. 12.

**Falco pescatore**, *Savi*, Orn. Tosc. i. p. 12.

**Balbuzzard**, *Buff.* Pl. Enl. 414. — *Gerard.* Tab. Elem. Orn. i. p. 23.

**Bengal Osprey**, *Lath.* Gen. Hist. i. p. 157.

*Habitat.*—Europe generally. Russia. Norway. Britain. Germany. Switzerland. Holland. Ionian Isles. Cape of Good Hope (*Temm.*). S. Asia. India generally (*Jerdon*, *Blyth*). Nepal (*Hodgson*). Japan (*Temm.*).

102 a. **PANDION CAROLINENSIS**, *Gmelin*, 1789. — Mus. Jard., Brit.

**Accipiter piscatorius**, *Catesby*, Carol. i. pl. 2.

**A. falco piscator antillarum**, *Briss.* Orn. i. p. 361.

**A. falco piscator carolinensis**, *Briss.* Orn. i. p. 362.

**Falco carolinensis**, *Gmel.* Syst. Nat. p. 263. — *Daud.* Tr. Orn. ii. p. 69.

**F. cayanensis**, *Gmel. Syst. Nat.* p. 263.—*Daud. Tr. Orn.* ii. p. 69.

**F. americanus**, *Gmel. Syst. Nat.* p. 257.—*Lath. Ind. Orn.* p. 13; *Syn. i.* p. 35; *Gen. Hist. i.* p. 238.—*Daud. Tr. Orn.* ii. p. 50.—*Shaw, Zool.* vii. p. 88.

**F. haliaetus**, var.  $\gamma$ , *Lath. Ind. Orn.* p. 18; *Syn. i.* p. 46; *Gen. Hist. i.* p. 60 B.—*Bonap. Ann. Lye. N. York*, ii. p. 26; *Isis*, 1832, p. 1136.

**F. haliaetus**  $\delta$ , *Lath. Ind. Orn.* p. 18; *Syn. i.* p. 47; *Gen. Hist. i.* p. 62 C.

**F. haliaetus**, *Max. Trav. Braz.* p. 334.—*Wils. Am. Orn.* pl. 37. f. 1.

**Aquila americana**, *Vieill. Ois. Am. Sept. i.* p. 31.

**A. piscatrix**, *Vieill. Ois. Am. Sept. i.* pl. 4.

**Pandion carolinensis**, *Bonap. Eur. & N. Am. B.* p. 3; *Consp. Av.* p. 16.—*Audub. Am. B.* pl. 81.—*Cass. B. Calif. & Tex.* p. 112.—*De Kay, Zool. N. York*, ii. pl. 6. p. 8. f. 18.

**P. americanus**, *Vieill. Gal. Ois.* pl. 11. — *Fig. Zool. Journ. i.* p. 336.—*Swains. Classif. B. ii.* p. 207.

**P. fluvialis**, var. 2, *Less. Tr. Orn.* p. 46.

**P. haliaetus**, *Richards. Faun. Bor. Am. ii.* p. 20.—*Jard. (Wils.) Am. Orn. ii.* p. 103. — *James. (Wils.) Am. Orn. i.* p. 38.—*Audub. Orn. Biog. i.* p. 415.—*Gray, List B. Brit. Mus.* p. 22.

**Black-cheeked Eagle**, *Penn. Arct. Zool. sp.* 88.

*Habitat*.—America generally. E. of Rocky Mountains to lat. 50° N. (summer). S. America. Brazil (*Max.*).

### 103. **PANDION LEUCOCEPHALUS**, Gould, 1832.—*Mus. Jard., Brit.*

**Pandion fluvialis**, var. 1, *Less. Tr. Orn.* p. 46.—*Pucher. Rev. Zool.* 1850, p. 209.

**P. leucocephalus**, *Gould, Synop. B. Aust. i.* p. 22. pl. 6; *B. Aust. i.* pl. 6; *Proc. Zool. Soc. pt. 5.* p. 138.—*Gray, Gen. B. fol. sp. 2*; *List B. Brit. Mus. p. 22.*—*Bonap. Consp. Av.* p. 16.

**P. Gouldi**, *Kaup, Isis*, 1847; *Monog. Falc. Cont. Orn.* 1850, p. 73.

*Habitat*.—Australia. Port Essington, Swan River, New South Wales. Van Diemen's Land.

Genus **ICHTHYAËTUS**, *Lafresnaye*. 1839.

104. **ICHTHYAËTUS BICOLOR**, (Gray) 1841.—Mus. Strickland, No. 34. Brit., E. Ind. Comp.

*Falco ichthyaëtus*, *Horsf.* Linn. Trans. xiii. p. 136 ; *Isis*, 1824, p. 353 ; 1825, p. 1053 ; *Zool. Res.* pl. 34.—*Lath.* Gen. Hist. i. p. 160.—*Müll.* Verh. Nat. Gesch. Ned. Bez. Av. p. 44.

*Pandion ichthyaëtus*, *Fig.* *Zool. Journ.* i. pp 321, 336.—*Raffl.* Life, p. 648. — *Steph.* *Zool.* xiii. pt. 2. p. 12. — *Less.* Man. Orn. i. p. 86. — *Bonap.* Consp. Av. p. 16. — *Blyth*, *Journ.* As. Soc. Beng. p. 340.

*Haliaëtus ichthyaëtus*, *Cuv.* Règ. An. ed. 2. i. p. 327. — *Less.* Tr. Orn. p. 42.—*Jerd.* Madr. Journ. x. p. 65.

*H. plumbeus*, *Hodgs.* Journ. As. Soc. Beng. vi. p. 367.

*Ichthyaëtus*, *Lafresn.* Rev. Zool. 1839, p. 196.

*Ichthyaëtus bicolor*, *Gray*, Gen. B. ed. 2. p. 4.

*I. hucarius*, *Hodgs.* *Gray*, *Zool. Misc.* 1844, p. 81.

*I. horsfieldi*, *Blyth*, Journ. As. Soc. Beng. xi. p. 110 ; xii. p. 304 ; Ann. Nat. Hist. xii. p. 230.

*Pontoaëtus ichthyaëtus*, *Gray*, Gen. B. fol. sp. 1. pl. 7. f. 9.

*Pandion ichthyaëtus*, *Gray*, List B. Brit. Mus. p. 23.

*Polioaëtus ichthyaëtus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 72.

*Habitat.*—S. Asia. Nepal. Bengal. Java. Borneo.

105. **ICHTHYAËTUS NANUS**, (Blyth) 1842.—Mus. E. Ind. Comp.

*Ichthyaëtus nanus*, *Blyth*, Journ. As. Soc. Beng. xi. p. 202 ; xii. p. 304.

*Falco* (*Pandion*) *humilis*, *Müll.* Verz. Nat. Gesch. Ned. Bez. Av. p. 48. pl. 6.

*Pandion humilis*, *Gray*, Gen. B. fol. sp. 3. App. p. 2 ; List B. Brit. Mus. p. 23.—*Bonap.* Consp. Av. p. 16.—*Blyth*, Consp. Av. p. 25.

*Polioaëtus humilis*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 73.

*Pontoaëtus nanus*, *Gray*, Gen. B. fol. sp. 3. App. p. 2.

*Habitat.*—S. Asia. Singapore. Malacca. Sumatra.

Genus **SPIZAËTUS**, Vieillot. 1816.

106. **SPIZAËTUS ORNATUS**, (Daudin) 1800.—Mus. Jard., Brit., Munich.

*Aquila brasiliensis cristata*, Briss. Orn. i. p. 446.

*A. urutaurana*, Dumeril.

*Falco mauduyti*, Daud. Tr. Orn. ii. p. 73. — *Lath.* Ind. Orn. Supp. p. 8; Syn. Supp. ii. p. 38; Gen. Hist. i. p. 255. — *Shaw*, Zool. vii. p. 66.

*F. ornatus*, Daud. Tr. Orn. ii. p. 77.—*Lath.* Ind. Orn. Supp. i. p. 7; Syn. Supp. ii. p. 37. sp. 38; Gen. Hist. i. p. 255.

*F. superbus*, *Shaw*, Zool. vii. p. 64.

*Spizaëtus*, Vieill. Anal. Orn. p. 24.

*S. ornatus*, Vieill. Nouv. Dict. Hist. Nat. xxxii. p. 60; Gal. Ois. pl. 21.—*Gray*, Gen. B. p. 2; ed. 2. p. 3; fol. sp. 1. pl. 7. f. 2; List B. Brit. Mus. p. 14; Gen. & Subgen. Brit. Mus. p. 3. — *Des Murs*, Rev. Zool. 1847, p. 315. — *Jard.* Ann. Nat. Hist. xviii. p. 117.—*Bonap.* Consp. Av. p. 28.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 62. — *Licht.* Syst. Ind. Azar. Pax. Par. p. 2.

*Morphnus ornatus*, Cuv. Règ. An. ed. 1. i. p. 319; ed. 2. i. p. 330.—*Fig.* Zool. Journ. i. p. 323.—*Steph.* Zool. xiii. pt. 2. p. 17.—*Less.* Man. Orn. i. p. 90; Tr. Orn. p. 52.

*M. ? mauduyti*, Steph. Zool. xiii. pt. 2. p. 18.

*Plumipeda superba*, Flem. Phil. Zool. ii. p. 234.

*Harpyia ornata*, Spix, Av. Braz. i. p. 8.—*Swains.* Classif. B. ii. p. 208.

*Autour huppé*, Levaill. Ois. Af. pl. 26.

*Grand Autour de la Cayenne*, Maud. Enc. Méth. p. 500.

*Aigle moyen de Guiane*, Maud. Enc. Méth. p. 475.—*Buff.* Ois. ed. Sonn. ii. p. 53.

*Calzado*, Azar. Pax. Par. i. p. 107. no. 23.

*Esparvero calzado*, Azar. Voy. en Amér.

*Urutaurana*, Marcgrave, Hist. Braz. p. 203.

*Habitat*.—S. America. Paraguay, Amazons. W. Indies. Tobago (*Jard.*).

107. **SPIZAËTUS CORONATUS**, (Linnæus) 1766.—Mus. Brit.

*Aquila africana cristata*, *Briss.* Orn. i. p. 448.

*A. coronata*, *Smith*, Zool. S. Afr. pls. 40, 41. — *Gray*, List B. Brit. Mus. p. 5, 1844 ; Gen. B. fol. sp. 13.

*Falco coronatus*, *Linn.* Syst. p. 124.—*Gmel.* Syst. Nat. p. 253. *Lath.* Ind. Orn. p. 11 ; Syn. i. p. 27 ; Gen. Hist. i. p. 138.—*Daud.* Tr. Orn. ii. p. 38.—*Shaw*, Zool. vii. pl. 16.

*Spizaëtus coronatus*, *Bonap.* Consp. Av. p. 28.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 62. — *Gray*, List B. Brit. Mus. 1848, p. 15.

Crowned Eagle, *Edw.* B. pl. 224.

*Habitat.*—S. Africa. Cape Colony (*Smith*). W. Africa. Guinea, Acra (*Edwards*).

107 a. **SPIZAËTUS ALBESCENS**, (Daudin) 1800.—Mus.

*Falco albescens*, *Daud.* Tr. Orn. ii. p. 45. — *Lath.* Ind. Orn. Supp. ii. p. 4 ; Syn. Supp. ii. p. 21 ; Gen. Hist. i. p. 143.—*Shaw*, Zool. vii. p. 93.

*Morphnus albescens*, *Cuv.* Règ. An. ed. 2. i. p. 331.—*Vig.* Zool. Journ. i. pp. 323, 337.—*Steph.* Zool. xiii. pt. 2. p. 17.

*Harpyia albescens*, *Swains.* Classif. B. ii. p. 208.

*Spizaëtus albescens*, *Gray*, Gen. B. fol. sp. 5. App. p. 1.

*S. coronatus*, *Bonap.* Consp. Av. p. 28. — *Gray*, List B. Brit. Mus. p. 15.

Le Blanchard, *Levaill.* Ois. Af. pl. 3.

*Habitat.*—S. Africa. Auteniquoi (*Levaill.*).

108. **SPIZAËTUS BRACCATUS**, (Spix) 1824.—Mus.

*Harpyia braccata*, *Spix*, Av. Braz. i. pl. 3.

*Spizaëtus braccatus*, *Des Murs*, Rev. Zool. 1847, p. 323 ; 1848, p. 35.—*Lafresn.* Rev. Zool. 1848, p. 134.

*S. ornatus*, *Bonap.* Consp. Av. p. 28. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 62.—*Gray*, List B. Brit. Mus. p. 14.

*Habitat.*—Brazil. St. Paola (*Spix*).

109. **SPIZAËTUS TYRANNUS**, (Maximilian) 1820.—Mus. Paris, Leyden, Max.

*Falco tyrannus*, *Max.* Reis. Bras. i. p. 360 ; Trav. Braz. p. 317.  
—*Lath.* Gen. Hist. i. p. 234.—*Temm.* Pl. Col. 73.

*Morphnus?* *tyrannus*, *Vig.* Zool. Journ. i. p. 325. — *Steph.* Zool. xiii. pt. 2. p. 20. — *Cuv.* Règ. An. ed. 2. i. p. 331. — *Less.* Tr. Orn. p. 53.

*Aquila tyrannus*, *Less.* Man. Orn. i. p. 84.

*Astur tyrannus*, *Less.* Man. Orn. i. p. 92.

*Spizaetus*, *Holme*, MS. Notes to Less. Man. Orn.

*S. tyrannus*, *Des Murs*, Rev. Zool. 1848, p. 35.—*Lafresn.* Rev. Zool. 1848, p. 134.—*Gray*, Gen. B. fol. sp. 2 ; List B. Brit. Mus. p. 15.—*Bonap.* Consp. Av. p. 29.

*Pternura tyrannus*, *Kaup*, Ueb. Falk. Mus. Senck. p. 259 ; Monog. Falc. Cont. Orn. 1850, p. 63.

*Janeiro Eagle*, *Lath.* Gen. Hist. i. p. 239.

*Habitat.*—Brazil.

110. **SPIZAËTUS NIPALENSIS**, (Hodgson) 1836.—Mus. Brit.

*Nisaetus nipalensis*, *Hodgs.* Journ. As. Soc. Beng. v. p. 229. pl. 7.

*N. pulcher*, *Hodgs.* Journ. As. Soc. Beng. vi. p. 361 ; xii. p. 305.  
—*Blyth*, Journ. As. Soc. Beng. xiv. p. 175.

*N. niveus*, *Jerd.* Ill. Ind. Orn. sub pl. 1.

*Spizaetus nipalensis*, *Blyth*, Journ. As. Soc. Beng. xvi. p. 1179 ; xix. p. 333.—*Gray*, List B. Brit. Mus. 1844, p. 8 ; Gen. B. App. fol. sp. 9.—*Bonap.* Consp. Av. p. 29 ; Cat. Mus. E.I.C. App. p. 381.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 13.

*S. cirrhatus*, *Gray*, List B. Brit. Mus. 1848, p. 16.

*Limnaetus nipalensis*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 61.

*Habitat.*—S. Asia. Nepal. Himalaya. Bengal. Malacca.

111. **SPIZAËTUS CIRRHATUS**, (Gmelin) 1789. — Mus. Liddell, Jard., Paris.

*Accipiter falco indicus cristatus*, *Briss.* Orn. i. p. 360.

*Falco cirrhatus*, *Gmel.* Syst. Nat. p. 274. — *Lath.* Ind. Orn. p. 36 ; Syn. i. p. 80 ; Supp. p. 20 ; Gen. Hist. i. p. 166.—*Daud.* Tr. Orn. ii. p. 113.—*Shaw*, Zool. vii. p. 147.



*F. ceylonensis*, *Gmel. Syst. Nat.* p. 275.—*Lath. Ind. Orn.* p. 36.

*F. cristatellus*, *Temm. Pl. Col.* 282.

*Astur cristatellus*, *Less. Man. Orn. i.* p. 94.

*Morphnus cristatellus*, *Cuv. Règ. An. ed. 2. i.* p. 331.—*Less. Tr. Orn.* p. 52.

*Spizaëtus cristatellus*, *Jard. & Selby, Ill. Orn. pl.* 66.—*Swains. Classif. B. ii.* p. 211.—*Blyth, Journ. As. Soc. Beng. xii.* p. 306.  
—*Gray, Gen. B. fol. sp.* 9.

*S. cirrhatus*, *Bonap. Consp. Av.* p. 29. — *Gray, List B. Brit. Mus.* p. 16. — *Blyth, Journ. As. Soc. Beng. xix.* p. 334. — *Bonap. Consp. Av.* p. 29.

*S. limnaetus*, var., *Kelaart, Prod. Faun. Zeyl. ii.* p. 13.

*S. orientalis*, *Temm. & Schleg. Faun. Jap. pl.* 3.

*Nisaëtus cristatellus*, *Elliot, Madr. Journ. x.* p. 234. — *Jerd. Ill. Ind. Orn. sub pl.* 1.

*N. pallidus*, juv., *Hodgs. Journ. As. Soc. Beng. vi.* p. 361.

*N. cirratus*, *Blyth, Journ. As. Soc. Beng. xiv.* p. 174.

*Limnaetus cirrhatus*, *Kaup, Monog. Falc. Cont. Orn.* 1850, p. 61.

Ceylonese crested Falcon, *Lath. Syn. i.* p. 80.

*Habitat.*—India. Midnapore, Subhimalayan Hills, Eastern Ghats. Ceylon.

111 a. **SPIZAËTUS CALIGATUS**, (*Raffles*) 1822. — *Mus. Brit., Zool. Soc., Leyden.*

*Falco caligatus*, *Raffl. Linn. Trans. xiii.* p. 278.

*F. niveus*, *Temm. Pl. Col.* 127.

*Morphnus ? niveus*, *Steph. Zool. xiii. pt. 2.* p. 19. — *Fig. Zool. Journ. i.* p. 325.—*Cuv. Règ. An. ed. 2. i.* p. 331.—*Less. Tr. Orn.* p. 53.

*Astur niveus*, *Less. Man. Orn. i.* p. 94.

*Limnaëtus caligatus*, *Fig. Raffl. Life*, p. 649.

*L. niveus*, *Strickl. Ann. Nat. Hist. xiii.* p. 33.

*Spizaëtus niveus*, *Blyth, Ann. Nat. Hist. xii.* p. 91.

*S. caligatus*, *Gray, List Brit. Mus.* p. 8; *Gen. B. fol. sp.* 8.

*S. cirrhatus*, *Bonap. Consp. Av.* p. 29.—*Blyth, Journ. As. Soc. Beng. xix.* p. 334.—*Gray, List B. Brit. Mus.* 1848, p. 16.

Jerwied Eagle, *Lath. Gen. Hist. i.* p. 152.

Bauj Eagle, *Lath.* Gen. Hist. i. p. 155.

*Habitat.*—Java. Sumatra. S. Asia. Nepal. Malacca.

- 111 *b.* **SPIZAËTUS LIMNAËTUS**, (Horsfield) 1821.—Mus. Paris, Leyden, E. Ind. Comp.

*Falco limnaëtus*, *Horsf.* Linn. Trans. xiii. p. 138; *Isis*, 1825, p. 1055; *Zool. Res.* pl. 36.—*Lath.* Gen. Hist. i. p. 164.—*Temm.* Pl. Col. 134.

*Morphnus?* *limnaëtus*, *Vig.* Zool. Journ. i. p. 325.—*Steph.* Zool. xiii. pt. 2. p. 18.—*Cuv.* Règ. An. ed. 2. i. p. 331.—*Less.* Tr. Orn. p. 53.

*Astur limnaëtus*, *Less.* Man. Orn. i. p. 94.

*Limnaëtus horsfieldi*, *Vig.* Raffl. Life, p. 649.—*Gray*, Gen. B. p. 2; ed. 2. p. 3.

*L. unicolor*, *Blyth*, Ann. Nat. Hist. xiii. p. 114.

*L. cirratus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 61. — *Gray*, Gen. B. fol. App. p. 1.

*Spizaëtus limnaëtus*, *Gray*, Gen. B. fol. sp. 7; Cat. Mus. E.I.C. p. 32.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 13.

*S. cirrhatus*, *Gray*, List B. Brit. Mus. p. 16.—*Bonap.* Consp. Av. p. 29.—*Blyth*, Journ. As. Soc. Beng. xix. p. 334.

*Habitat.*—Java. S. Asia. Nepal (*Blyth*).

112. **SPIZAËTUS ALBONIGER**, *Blyth*, 1845.—Mus.

*Nisaëtus alboniger*, *Blyth*, Journ. As. Soc. Beng. xiv. p. 173; xv. p. 3.

*Spizaëtus alboniger*, *Blyth*, Journ. As. Soc. Beng. xix. p. 335.

*S. cirrhatus*, *Bonap.* Consp. Av. p. 29. — *Gray*, List B. Brit. Mus. p. 16.

*Habitat.*—Malayan Peninsula. Penang. Malacca (*Blyth*).

113. **SPIZAËTUS KIENERI**, (Geoffroy) 1835.—Mus. E. I. Comp.

*Astur kieneri*, *Geoff.* Mag. Zool. ser. 1. pl. 35.

*Spizaëtus albogularis*, *Blyth*, Journ. As. Soc. Beng. xi. p. 456. — *Tick.* Journ. As. Soc. Beng. xi. p. 456.

*S. kieneri*, *Gray*, Gen. B. fol. sp. 11.—*Bonap.* Consp. Av. p. 29. — *Blyth*, Journ. As. Soc. Beng. xix. p. 335; Cat. Mus. E.I.C. p. 34.

*Nisaëtus kieneri*, *Jerd.* Ill. Ind. Orn. sub pl. 1.

*Limnaëtus kieneri*, *Strickl. Ann. Nat. Hist.* xiii. p. 33.

*Habitat*.—S. Asia. India. Darjeeling.

114. **SPIZAËTUS ISIDORI**, (Des Murs) 1845.—Mus.

*Falco isidorei*, *Des Murs. Rev. Zool.* 1845, pp. 176\*, 208; *Iconog. Orn. pl.* 1.—*Lafresn. Rev. Zool.* 1845, p. 209.

*Aquila isidori*, *Des Murs. Iconog. Orn. pl.* 1.

*Circaetus isidori*, *Gray, Gen. B. fol. App. pp.* 1, 30 *a*.

*Spizaëtus isidori*, *Bonap. Consp. Av.* p. 29.

*Habitat*.—S. America. Bogota (*Des Murs*).

115. **SPIZAËTUS HASTATUS**, (Lesson) 1834.—Mus.

*Morphnus hastatus*, *Less. Bélang. Voy.* p. 217.

*Limnaëtus unicolor*, *Blyth, Journ. As. Soc. Beng.* xii. p. 128.

*L. hastatus*, *Blyth, Ann. Nat. Hist.* xiii. p. 114.—*Kaup, Monog. Falc. Cont. Orn.* 1850, p. 62.

*Spizaëtus punctatus*, *Jerd. Madr. Journ. Sc.* xiii. p. 164.

*S. hastatus*, *Gray, Gen. B. fol. sp.* 12; *Cat. Mus. E.I.C.* p. 34.

*S. cirrhatus*, *Bonap. Consp. Av.* p. 29.

*Aquila hastata*, *Blyth, Journ. As. Soc. Beng.* xv. p. 7; xix. p. 337.

Cawnpore Eagle, *Lath. Gen. Hist.* i. p. 153.

*Habitat*.—S. Asia. India. Nepal. Bengal.

116. **SPIZAËTUS OCCIPITALIS**, (Daudin) 1800.—Mus. Brit.

*Falco occipitalis*, *Daud. Tr. Orn.* ii. p. 40. — *Lath. Ind. Orn. Supp.* p. 3; *Syn. Supp.* ii. p. 17; *Gen. Hist.* i. p. 139. — *Shaw, Zool.* vii. p. 59.

*F. senegalensis*, *Daud. Tr. Orn.* ii. p. 41.

*Morphnus occipitalis*, *Vig. Zool. Journ.* i. pp. 323, 337.—*Steph. Zool.* xiii. pt. 2. p. 17.—*Less. Man. Orn.* i. p. 90; *Tr. Orn.* p. 54. pl. 13. f. 1.—*Cuv. Règ. An. ed.* 2. i. p. 330.

*Harpyia occipitalis*, *Swains. Classif. B.* ii. p. 208.

*Spizaëtus occipitalis*, *Gray, List B. Brit. Mus.* p. 15; *Gen. B. fol. sp.* 4. — *Bonap. Consp. Av.* p. 28. — *Rüpp. Syst. übers.* p. 10; *Cat. Mus. E.I.C.* p. 35.

*Lophaëtus occipitalis*, *Kaup, Monog. Falc. Cont. Orn.* 1850, p. 62.

Nisser Tokoor, *Bruce*, Trav. Abyss. pl. 32.

Le Huppard, *Levaill.* Ois. Af. pl. 2.

Black Eagle, *Bruce*, Trav. App. ed. 8vo. 1804, vii. p. 258.

*Habitat.*—S. Africa. Caffraria.

117. **SPIZAËTUS MELANOLEUCUS**, (Vieillot) 1816.—Mus.

*Buteo melanoleucus*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 482 ;  
Gal. Ois. pl. 14.—*Cuv.* Règ. An. ed. 2. i. p. 336.

*Falco atricapillus*, *Temm.* Pl. Col. 79.

*Morphnus?* *atricapillus*, *Vig.* Zool. Journ. i. p. 325. — *Steph.*  
Zool. xiii. pt. 2. p. 20.

*Astur atricapillus*, *Less.* Man. Orn. i. p. 93.

*Spizastur atricapillus*, *Less.* Tr. Orn. p. 82. — *Gray*, Gen. B.  
ed. 2. p. 3.

*S. melanoleucus*, *Bonap.* Rev. Zool. 1850, p. 488.

*S. atriceps*, *Kaup*, Ueb. Falk. Mus. Senck. p. 259 ; Monog. Falc.  
Cont. Orn. 1850, p. 62.

*Spizaetus*, *Holme*, MS. Notes.

*S. atricapillus*, *Gray*, Gen. B. fol. sp. 6 ; List B. Brit. Mus.  
p. 15.—*Bonap.* Consp. Av. p. 28.

*Habitat.*—S. America. Guiana, Cayenne.

118. **SPIZAËTUS SPILOGASTER**, Dubus, 1850.—Mus. Leyden,  
Brussels.

*Spizaetus spilogaster*, *Dubus*, Bonap. Rev. Zool. 1850, p. 487.

*Habitat.*—Africa. Abyssinia.

Genus **HALIASTUR**, *Selby*. 1840.

119. **HALIASTUR INDUS**, (Boddaert) 1783. — Mus. Strickland,  
Nos. 35 *a.* 35 *b.* 35 *c.* Jard., Brit., Zool. Soc., E. Ind. Comp.

*Aquila pondiceriana*, *Briss.* Orn. i. p. 450. pl. 35.

*Falco indus*, *Bodd.* Tab. Pl. Enl. no. 416.

*F. ponticerianus*, *Gmel.* Syst. Nat. p. 265. — *Lath.* Ind. Orn.  
p. 23 ; Syn. i. p. 41 ; Supp. ii. p. 32 ; Gen. Hist. i. p. 147.—  
*Daud.* Tr. Orn. ii. p. 55. — *Shaw*, Zool. vii. p. 91. — *Horsf.*

Linn. Trans. xiii. p. 136.—*Raffl.* Linn. Trans. xiii. p. 278.—*Temm.* Tab. Méth. p. 3.

*Haliaëtus pondicerianus*, *Cuv.* Règ. An. ed. 1. i. p. 316 ; ed. 2. i. p. 327. — *Less.* Man. Orn. i. p. 85. — *Vig.* Zool. Journ. i. p. 336 ; *Raffl.* Life, p. 648.—*Steph.* Zool. xiii. pt. 2. p. 13.—*Sykes*, Proc. Comm. Zool. Soc. pt. 1. p. 78 ; Journ. As. Soc. Beng. iii. p. 418. — *Swains.* Classif. B. ii. p. 216. — *Pears.* Journ. As. Soc. Beng. x. p. 628.—*Blyth*, Ann. Nat. Hist. xii. p. 91 ; Journ. As. Soc. Beng. xii. p. 307.—*Meyen*, Nov. Act. Leop. Car. xvi. Supp. p. 69.

*H. girrenera*, *Vieill.* Gal. Ois. pl. 10.

*H. garuda*, *Less.* Tr. Orn. p. 44.

*Milvus pondicerianus*, *Jerd.* Madr. Journ. x. p. 72.

*M. rotundicauda*, *Hodgs.* Cat. Gray, Misc. p. 81.

*Haliastur pondicerianus*, *Selby*, Cat. Gen. Typ. p. 3.—*Gray*, List B. Brit. Mus. 1844, p. 13.—*Bonap.* Conspr. Av. p. 15.

*H. indus*, *Gray*, Gen. B. ed. 2. p. 4 ; fol. sp. 1 ; List B. Brit. Mus. 1848, p. 27 ; Gen. & Subgen. Brit. Mus. p. 4.—*Blyth*, Journ. As. Soc. Beng. xix. p. 342 ; Cat. Mus. E.I.C. p. 57.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 18.

*Ictinoaëtus ponticerianus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 73.

Aigle des grandes Indes, *Buff.* Pl. Enl. 416.

Brahminy Kite, Anglo-Indians.

*Habitut.*—Indian Archipelago. Java, Sumatra, Philippine Isles, Ceylon. Asia (South). India, Assam. New Guinea (*Lesson*).

120. **HALIASTUR SPHENURUS**, (*Vieillot*) 1818. — Mus., Jard., Brit., Linn. Soc.

*Falco albicilla*, var., *Lath.* Ind. Orn. Supp. p. 3 ; Syn. Supp. ii. p. 18.—*Shaw*, Zool. vii. p. 80.

*Milvus sphenurus*, *Vieill.* Nouv. Diet. Hist. Nat. xx. p. 564 ; Enc. Méth. iii. p. 1204 ; Gal. Ois. pl. 15. — *Less.* Tr. Orn. p. 71.

*Haliaëtus canorus*, *Vig.* Horsf. Linn. Trans. xv. p. 187.—*Gray*, List B. Brit. Mus. p. 12.—*Less.* Man. Orn. i. p. 86.—*Gould*, Synop. B. Aust. pt. 3. pl. 37. f. 2. — *Selby*, Cat. Gen. Typ. p. 3.

*Haliastur sphenurus*, *Gould*, B. Aust. i. pl. 5 ; Intr. B. Aust. p. 18.—*Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 27.—*Bonap.* Conspr. Av. p. 15.—*Sturt*, Exp. Aust. App. p. 13.

*Ictinoaëtus canorus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 73.

*Habitat*.—Australia.

121. **HALIASTUR LEUCOSTERNUS**, Gould, 1837.—Mus. Brit.

*Falco pondicerianus*, var., *Lath.* New S. Wales Dr. i. nos. 41, 42 ; Syn. Supp. ii. pp. 32, 33.—*Shaw*, Nat. Misc. pl. 389.

*Haliaetus leucosternus*, *Gould*, Synop. B. Aust. pt. 3. pl. 38. f. 1 ; Proc. Zool. Soc. pt. 5. p. 138 ; Intr. B. Aust. p. 18.

*Haliastur leucosternus*, *Gould*, B. Aust. i. pl. 4.—*Gray*, Gen. B. fol. sp. 2. pl. 7. f. 10 ; List B. Brit. Mus. p. 27.

*H. ponticerianus*, *Bonap.* Consp. Av. p. 15.

*Ictinoaëtus leucosternus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 73.

White-headed rufous Eagle, *Lath.* Gen. Hist. i. p. 218.

*Habitat*.—Australia.

Genus **HERPETOTHERES**, *Vieillot*. 1818.

122. **HERPETOTHERES CACHINNANS**, (Linnaeus) 1766.—Mus. Strickland, No. 36. Jard., Brit., Munich.

*Falco cachinnans*, *Linn.* Syst. Nat. p. 128. — *Gmel.* Syst. Nat. p. 276.—*Lath.* Ind. Orn. p. 37 ; Syn. i. p. 85 ; Gen. Hist. i. p. 286.—*Daud.* Tr. Orn. ii. p. 115.—*Shaw*, Zool. vii. p. 156. —*Nitzsch*, Pterylog. p. 81.

*Astur cachinnans*, *Cur.* Règ. An. ed. 1. i. p. 320 ; ed. 2. i. p. 333.—*Spix*, Av. Braz. i. pl. 3 a.

*Herpetotheres cachinnans*, *Vieill.* Nouv. Dict. Hist. Nat. xviii. p. 317 ; Gal. Ois. pl. 19. — *Bonap.* Proc. Zool. Soc. pt. 5. p. 114 ; Consp. Av. p. 30.—*Gray*, Gen. B. p. 3 ; ed. 2. p. 4 ; fol. App. p. 1 ; List B. Brit. Mus. p. 16 ; Gen. & Subgen. Brit. Mus. p. 7.—*Hartl.* Syst. Ind. Azar. p. 2.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 71.

*Cachinna cachinnans*, *Flem.* Phil. Zool. ii. p. 236.

*C. herpetotheres*, *Gray*, Gen. B. fol. sp. 1. pl. 7. f. 4.

*Dædalion cachinnans*, *Vig.* Zool. Journ. i. p. 328.—*Steph.* Zool. xiii. pt. 2. p. 25.

*Macagua cachinnans*, *Less.* Tr. Orn. p. 68.

*Macagua*, *Azar*. Pax. Par. i. p. 81. no. 15.

*Habitat*.—S. America. Cayenne, Paraguay, Brazil, Guatemala, Mexico.

123. **HERPETOTHERES SUFFLATOR**, (Linnæus) 1766.—Mus.

*Falco sufflator*, *Linn*. Syst. Nat. p. 127. — *Gmel*. Syst. Nat. p. 275. — *Lath*. Ind. Orn. p. 37 ; Syn. i. p. 84 ; Gen. Hist. i. p. 285.—*Daud*. Tr. Orn. ii. p. 114.—*Shaw*, Zool. vii. p. 155.

*Physeta*, *Vieill*. Anal. Orn. p. 24.

*P. sufflator*, *Steph*. Zool. xiii. pt. 2. p. 21.—*Less*. Man. Orn. i. p. 80.

*Surinam Falcon*, *Bancroft*, Hist. Guian. p. 153. — *Stedman*, Surinam, ii. p. 84.

*Habitat*.—Surinam.

Genus **HELOTARSUS**, *Smith*. 1830.

124. **HELOTARSUS ECAUDATUS**, (Daudin) 1800.—Mus. Strickland, No. 37. Jard., Brit.

*Falco ecaudatus*, *Daud*. Tr. Orn. ii. p. 54. — *Lath*. Ind. Orn. Supp. p. 4 ; Syn. Supp. ii. p. 21 ; Gen. Hist. i. p. 171. — *Shaw*, Zool. vii. p. 98.

*Helotarsus typus*, *Smith*, S. Af. Journ. i. p. 110.

*H. ecaudatus*, *Gray*, Gen. B. p. 3 ; ed. 2. p. 4 ; fol. sp. 1. pl. 7. f. 11 ; List B. Brit. Mus. p. 26 ; Gen. & Subgen. Brit. Mus. p. 5.—*Rüpp*. Syst. übers. p. 10.—*Bonap*. Consp. Av. p. 16.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 70.

*Circaëtus ecaudatus*, *Cuv*. Règ. An. ed. 2. i. p. 328.

*Terathopius ecaudatus*, *Less*. Tr. Orn. p. 47. — *Rüpp*. Neue Wirbelth. i. p. 44.

*Le Bateleur*, *Levaill*. Ois. Am. pls. 7, 8.

*Habitat*. — Africa. (Autiniqua, Lattakoo, *Smith*.) Abyssinia (*Rüppell*).



Genus **FALCO**, *Linnæus*. 1735.

125. **FALCO ISLANDICUS**, Sabine, 1818.—Mus.

*Accipiter falco islandicus*, *Briss.* Orn. i. p. 336.

*Falco islandicus*, *Sab.* Linn. Trans. xii. p. 528.—*Temm.* Man. Orn. pt. 1. p. 17; pt. 3. p. 9; Tab. Méth. p. 2. — *Faber*, Prod. Island. Orn. 1822, p. 2; *Isis*, 1827, p. 62.—*Richards.* Faun. Bor. Am. ii. p. 27.—*Hoy.* Mag. Nat. Hist. ser. 1. vi. p. 107.—*Hancock*, Ann. Nat. Hist. ii. p. 247; *Rev. Zool.* 1839, p. 123.—*Bonap.* Consp. Av. p. 24.

*F. lanarius*, *Faber*, *Isis*, 1827, p. 68.

*F. gyrfalco*, *Keyserl. u. Blas.* Wirbelth. Eur. p. 135.

*F. candicans islandicus*, *Schleg.* Krit. übers. p. 1.

*Hierofalco islandicus*, *Gray*, Gen. B. p. 3; ed. 2. p. 4.

*Gerfault d'Islande*, *Buff.* Pl. Enl. 210.

Arctic Falcon, *Lath.* Syn. i. p. 70 L.

White Jerfalcon, *Lath.* Syn. i. p. 83.

*Habitat.*—Iceland.

126. **FALCO CANDICANS**, Gmelin, 1789.—Mus.

*Accipiter falco freti hudsonis*, *Briss.* Orn. i. p. 356.

*A. gyrfalco*, *Briss.* Orn. i. p. 370. pl. 30. f. 2.

*Falco rusticolus*, *Faber*, Faun. Grœnl. p. 55.—*Lath.* Syn. Supp. i. p. 15.

*F. fuscus*, *Faber*, Faun. Grœnl. p. 56.

*F. cinereus*, *Gmel.* Syst. Nat. p. 267.

*F. candicans*, *Gmel.* Syst. Nat. p. 275. — *Daud.* Tr. Orn. ii. p. 101.—*Benick.* *Isis*, 1824, p. 882.—*Schleg.* Krit. übers. p. 1. — *Bonap.* *Rev. Zool.* 1850, p. 484; *Consp. Av.* p. 33.—*Cass.* *Proc. Ac. Sc. Philad.* 1855, p. 278.

*F. islandicus*, *Lath.* Ind. Orn. p. 32; Syn. i. p. 71 A, B; Gen. Hist. i. p. 72 A.—*Steph.* *Zool.* xiii. pt. 2. p. 39.—*Gould*, B. Eur. pl. 19.—*Audub.* Am. B. pl. 366.

*F. buteo*  $\beta$ , *Lath.* Ind. Orn. p. 24; Gen. Hist. i. p. 80 A.

*F. lagopus*  $\beta$ , *Lath.* Ind. Orn. p. 19; Syn. Supp. i. p. 36; Gen. Hist. i. p. 68 A.

**F. grœnlandicus**, *Daud.* Tr. Orn. ii. p. 107. — *Hancock*, Ann. Nat. Hist. ii. p. 249 ; *Rev. Zool.* 1839, p. 124.

**F. sacer**, *Forst.* Phil. Trans. lxii. pp. 383, 423. — *Lath.* Gen. Hist. i. p. 117 A.

**F. labradora**, *Audub.* B. Am. pl. 196.

**F. gyrfalco**, *Bonap.* Eur. & N. Am. B. p. 4 ; *Cat. Ucc. Eur.* p. 20.

**Buteo cinereus**, *Daud.* Tr. Orn. ii. p. 156. — *Vieill.* Ois. Am. Sept. i. p. 33.

**Hierofalco candicans**, *Cuv.* Règ. An. ed. 1. i. p. 312 ; ed. 2. i. p. 323.—*Less.* Man. Orn. i. p. 80 ; Tr. Orn. p. 97. pl. 16. f. 2.

**H. grœnlandicus**, *Brehm*, Vög. Deutschl. i. p. 16. .

Gerfault blanc des pays du Nord, *Buff.* Pl. Enl. p. 446.

Ash-coloured Buzzard, *Edw.* B. pls. 3, 5.

Greenland Falcon, *Penn.* Arct. Zool. ii. p. 220, and note to Index.

Ash-coloured Falcon, *Lath.* Syn. i. p. 55. sp. 35.

*Habitat.*—N. America. Greenland.

127. **FALCO GYRFALCO**, *Linnaeus*, 1766. — *Mus.* Strickland, No. 38.

**Falco lanarius**, *Linn.* Faun. Suec. p. 20 ; *Syst. Nat.* p. 129.—*Gmel.* *Syst. Nat.* p. 276.—*Lath.* Ind. Orn. p. 38.—*Daud.* Tr. Orn. ii. p. 101.

**F. rusticolus**, *Linn.* Faun. Suec. p. 56 ; ed. *Retz.* p. 64 ; *Syst. Nat.* p. 125. — *Gmel.* *Syst. Nat.* p. 268. — *Lath.* Ind. Orn. p. 28 ; *Syn.* i. p. 56 ; *Gen. Hist.* i. p. 73. — *Daud.* Tr. Orn. ii. p. 103.

**F. gyrfalco**, *Linn.* *Syst. Nat.* p. 130.—*Gmel.* *Syst. Nat.* p. 275. —*Lath.* Ind. Orn. p. 32 ; *Syn.* i. p. 82 ; *Gen. Hist.* i. p. 71. —*Daud.* Tr. Orn. ii. p. 99.—*Shaw*, *Zool.* vii. p. 120.—*Schleg.* *Krit. übers.* p. 2. — *Gray*, *Gen. B.* fol. sp. 1 (App. p. 2). — *Bonap.* *Rev. Zool.* 1850, p. 484 ; *Consp. Av.* p. 24.—*De Kay*, *Zool. N. York*, ii. p. 16.

**Accipiter gyrfalco islandicus**, *Briss.* Orn. i. p. 373. pl. 31.

Gerfault de Norvège, *Buff.* Pl. Enl. 462. \*

*Habitat.*—N. Europe. Norway. Sweden. N. Germany. Holland.

128. **FALCO SACER**, Gmelin, 1789.—Mus. Brit.

*Accipiter falco sacer*, *Briss. Orn. i. p. 337.*

*A. falco stellaris*, *Briss. Orn. i. p. 359.*

*Falco sacer*, *Gmel. Syst. Nat. p. 273.*—*Lath. Ind. Orn. p. 34* ;  
*Syn. i. p. 77* ; *Supp. i. p. 20* ; *Gen. Hist. i. p. 117.*—*Schleg.*  
*Krit. übers. pp. 2, 9.*—*Gray, Gen. B. fol. App. p. 2.*—*Bonap.*  
*Rev. Zool. 1850, p. 485* ; *Consp. Av. p. 24.*

*F. stellaris*, *Gmel. Syst. Nat. p. 274.*—*Lath. Ind. Orn. p. 35* ;  
*Gen. Hist. i. p. 86.*—*Daud. Tr. Orn. ii. p. 109.*—*Shaw, Zool.*  
*vii. p. 154.*

*F. lanarius*, *Pall. Zoog. Ross. As. i. p. 330 (syn. exc.).* —  
*Temm. Man. Orn. pt. 1. p. 20* ; *pt. 3. p. 10.*—*Vieill. Faun.*  
*Franc. p. 415. pl. 167. f. 1.*—*Gould, B. Eur. pl. 20.*—*Bonap.*  
*Eur. & N. Am. B. p. 4* ; *Cat. Ucc. Eur. p. 20.*—*Gray, Gen. B.*  
*fol. sp. 2.*

*F. cyanopus*, *Thienemann.*

*F. cherrug*, *Gray, Ill. Ind. Zool. ii. pl. 25* ; *Gen. B. fol. sp. 3.*

*Hierofalco lanarius*, *Less. Tr. Orn. p. 97.*

*Le Sacre*, *Buff. Ois. ed. Sonn. iii. p. 92.*

*Starry Falcon*, *Lath. Syn. i. p. 79.*

*Habitat.*—E. Europe. Asia. Tartary. Nepal.

129. **FALCO JUGGER**, Gray, 1832.—Mus. Strickland, Nos. 39 *a.*  
39 *b.* Brit.

*Falco jigger*, *Gray, Hardw. Ill. Ind. Zool. ii. pl. 26* ; *Gen. B.*  
*fol. sp. 8.*—*Bonap. Consp. Av. p. 24.*—*Gould, B. Asia, pt. 1* ;  
*Cat. Mus. E.I.C. i. p. 20.*

*F. luggur*, *Jerd. Madr. Journ. x. p. 80* ; *Ill. Ind. Orn. pl. 44.*—  
*Blyth, Journ. As. Soc. Beng. xi. p. 104.*

*F. thermophilus*, *Hodgs. (Gray) Zool. Misc. p. 81.*

*F. lanarius* ?, *Blyth, Journ. As. Soc. Beng. xix. p. 318.*

*Jigger Falcon*, *Lath. Gen. Hist. i. p. 192.*

*Justin Falcon*, *Lath. Gen. Hist. i. p. 195.*

*Habitat.*—S. Asia. Bengal. Nepal.

130. **FALCO BIARMICUS**, Temminck, 1828. — Mus. Strickland,  
Nos. 40 *a.* 40 *b.* Jard., Brit., Liverpool, Leyden.

*Accipiter lanarius*, *Briss. Orn. i. p. 363.*

**Falco peregrinus**, var., *Shaw*, Zool. vii. p. 131.

**F. biarmicus**, *Temm.* Pl. Col. 324. — *Cuv.* Règ. An. ed. 2. i. p. 322. — *Less.* Man. Orn. i. p. 78 ; Tr. Orn. p. 89. — *Gray*, Gen. B. fol. sp. 10. — *Smith*, S. Af. Zool. ii. (sub *F. semitorquatus*). — *Strick.* Proc. Zool. Soc. 1850, p. 215. — *Kaup*, Ueb. Falk. Mus. Senck. p. 257.

**F. peregrinoides**, *Temm.* Pl. Col. 479 (mas). — *Gray*, Gen. B. fol. sp. 9. — *Bonap.* Rev. Zool. 1850, p. 483.

**F. chiqueroides**, *Smith*, S. Af. Quart. Journ. p. 233 ; Proc. Zool. Soc. pt. 1. p. 45.

**F. tanypterus**, *Licht.* Abhand. — *Bonap.* Rev. Zool. 1850, p. 485.

**F. cervicalis**, *Licht.* Abhand. — *Bonap.* Rev. Zool. 1850, p. 485. — *Kaup*, Ueb. Falk. Mus. Senck. p. 257 ; Cat. Mus. E.I.C. p. 22.

**F. lanarius**, *Schleg.* Krit. übers. pp. 2, 11. — *Bonap.* Rev. Zool. 1850, p. 485.

**F. feldeggii**, *Schleg.* Krit. übers. p. 12. — *Blyth*, Journ. As. Soc. Beng. xix. p. 513.

**F. rubens**, *Thienemann*.

**Le Lanier**, *Belon*.

**Le vrai Lanier**, *Buff.* Ois. i. p. 243.

**Brown Lanner**, *Lath.* Syn. i. p. 86 ; Gen. Hist. i. p. 84.

*Habitat.*—Africa. Egypt, Cape of Good Hope, Algoa Bay, Nubia. S. Europe. Dalmatia, Greece.

131. **FALCO HYPOLEUCUS**, Gould, 1840.—Mus. Wilson, Philad., Derby.

**Falco hypoleucus**, *Gould*, Proc. Zool. Soc. pt. 8. p. 162 ; Ann. Nat. Hist. viii. p. 69 ; B. Aust. i. pl. 7 ; Intr. B. Aust. p. 19. — *Gray*, Gen. B. fol. sp. 7. — *Bonap.* Consp. Av. p. 24. — *Sturt*, Exp. Aust. App. p. 13.

**Gennaia hypoleucus**, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 55.

*Habitat.*—Australia. W. Coast. S. Australia.

132. **FALCO SUBNIGER**, Gray, 1843.—Mus. Brit.

**Falco subniger**, *Gray*, Ann. Nat. Hist. xi. p. 371 ; List B. Brit. Mus. p. 50 ; Gen. B. fol. sp. 11. pl. 8. — *Sturt*, Exp. Aust. App. p. 14. — *Gould*, B. Aust. i. pl. 9 ; Synop. B. Aust. p. 19. — *Bonap.* Consp. Av. p. 24.

*Hierofalco subniger*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 56.

*Habitat*.—S. Australia.

133. **FALCO PEREGRINUS**, Gmelin, 1789. — Mus. Strickland, No. 41. Jard., Brit., E. Ind. Comp., Bengal.
- Accipiter falco*, *Briss.* Orn. i. p. 321.
- A. falco peregrinus*, *Briss.* Orn. i. p. 341.
- A. falco tunetanus*, *Briss.* Orn. i. p. 343.
- A. falco tartaricus*, *Briss.* Orn. i. p. 345, B.
- Falco hornotinus*, *Briss.* Orn. i. p. 324, A.
- F. barbarus*, *Linn.* Syst. Nat. p. 125.—*Gmel.* Syst. Nat. p. 272.  
—*Lath.* Ind. Orn. p. 33; Syn. i. p. 72; Gen. Hist. i. p. 82 B.
- F. communis*, *Gmel.* Syst. Nat. p. 270.—*Lath.* Ind. Orn. p. 30; Gen. Hist. i. p. 113.—*Daud.* Tr. Orn. ii. p. 92.—*Shaw*, Zool. vii. p. 124.—*Savig.* Desc. Egypt. pt. 1. p. 101.—*Wils.* Mem. Wern. Soc. ii. p. 595.—*Raffl.* Linn. Trans. xiii. p. 278.—*Cuv.* Règ. An. ed. 2. i. p. 320. — *Less.* Tr. Orn. p. 88. pl. 16. f. 1.  
—*Schleg.* Krit. übers. p. 14; Faun. Jap. Av. p. 1.
- F. peregrinus*, *Gmel.* Syst. Nat. p. 272.—*Lath.* Ind. Orn. p. 33; Syn. i. p. 73; Gen. Hist. i. p. 81.—*Daud.* Tr. Orn. ii. p. 97.  
—*Shaw*, Zool. vii. p. 128. — *Temm.* Man. Orn. pt. 1. p. 22, pt. 3. p. 11; Tab. Méth. p. 2.—*Steph.* Zool. xiii. pt. 2. p. 39.  
—*Vig.* Raffl. Life, p. 649.—*Benn.* Gard. Zool. Soc. ii. p. 112.  
— *Swains.* Classif. B. ii. p. 212. — *Gould*, Eur. B. pl. 21. —  
— *Bonap.* Eur. & N. Am. B. p. 4; Cat. Ucc. Eur. p. 20; Consp. Av. p. 23.—*Kuhl*, Beiträg. Zool. pt. 1. p. 78 (anat.).  
—*Gray*, Gen. B. p. 3; ed. 2. p. 4; fol. sp. 4. pl. 8. f. 1; List B. Brit. Mus. p. 50. — *Rüpp.* Neue Wirbelth. p. 44; Syst. übers. p. 11.—*Hardy*, Rev. Zool. 1844, p. 289.—*Jerd.* Madr. Journ. x. p. 79.—*Vieill.* Faun. Franç. p. 29. pl. 13. f. 1, 2.—  
*Blyth*, Journ. As. Soc. Beng. xix. p. 319.—*Kaup*, Ueb. Falk. Mus. Senck. p. 257.—*Bailly*, Orn. Sav. i. p. 45.—*S.-Longch.* Faun. Belg. p. 50.—*Lubb.* Faun. Norf. p. 17.—*Roux*, Orn. Prov. i. p. 49. pls. 29, 30.—*Bechst.* Taschenb. Deutschl. p. 33.  
—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 55.—*Frisch*, Vög. Deutschl. pl. 83.—*Naum.* Nat. Vög. Deutschl. iv. p. 119. pl. 12. f. 20; p. 125. pl. 13. f. 21, pl. 14. f. 22; ed. nov. i. p. 285. pls. 24, 25.—*Brehm*, Vög. Deutschl. p. 63.—*Wern.* Atl. Ois. Eur.—*Selby*, Ill. Brit. Orn. i. p. 39. pls. 15, 15\*.—*Bew.* Brit. B. ed. 2. i. p. 17.—*Yarr.* Brit. B. i. p. 32.—*Penn.* Brit. Zool. 1812, i. p. 218.—*Flem.* Brit. An. p. 49.—*Jenyns*, Brit. Man. p. 82.—*Mont.* Orn. Dict. i. & Supp. Fal.; ed. Renn. p. 358.  
—*Macgill.* Rapt. B. Brit. p. 159; Brit. B. iii. p. 294.—*Jard.* Brit. B. i. p. 115. pl. 4.—*Thomps.* B. Irel. i. p. 33. — *Watt.*

B. Irel. p. 4.—*Dillw.* Faun. Swans. p. 3.—*Knox*, Orn. Suss. (Ramb.) p. 183.—*Dunn*, Ork. & Shet. p. 73.—*Baik. & Hedd.* Hist. Nat. Orcad. p. 27.—*Morr.* Brit. B. p. 88. pl. 13.

**F. tartaricus**, *Gmel.* Syst. Nat. p. 272.

**F. peregrinus**  $\beta$ , *Lath.* Ind. Orn. p. 33 ; Gen. Hist. i. p. 82 A.

**F. communis**  $\beta$ , *Lath.* Ind. Orn. p. 30 ; Gen. Hist. i. p. 113 A.  
—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 57.

**F. calidus**, *Lath.* Ind. Orn. p. 41 ; Gen. Hist. i. p. 175.—*Shaw*, Zool. vii. p. 176.

**F. lunulatus**, *Daud.* Tr. Orn. ii. p. 122.

**F. subbuteo major**, *Lath.* Ind. Orn. Supp. p. 30 ; Syn. Supp. ii. p. 47 ; Gen. Hist. i. p. 121. — *Bechst.* Naturg. Deutschl. ii. p. 315.

**F. pinetarius**, *Shaw*, Zool. vii. p. 195.

**F. gentilis**, *Wils.* Mem. Wern. Soc. ii. p. 587.

**F. griseiventris**, *Brehm*, Isis, 1833, p. 778.

**F. cornicum**, *Brehm*, Vög. Deutschl. i. p. 62.

**F. abietinus**, *Bechst.* Naturg. Deutschl. ii. p. 759.

**Faucon**, *Buff.* Pl. Enl. 421.

**F. sors**, *Buff.* Pl. Enl. 470.

**F. noir et passager**, *Buff.* Pl. Enl. 469.

**F. commun**, *Gérard.* Tab. Elem. Orn. i. p. 50.

**Lanier**, *Buff.* Pl. Enl. 430.—*Gérard.* Tab. Elem. Orn. i. p. 52.

**Wanderfalke**, *Bechst.* Naturg. Deutschl. ii. p. 744.

**Falcone**, *Savi*, Orn. Tosc. i. p. 40.—*Nilsson*, Skand. Faun. pl. 62 (juv.).

**Falcon gentle**, *Albin*, B. ii. pl. 6.

**Barbary Falcon**, *Albin*, B. iii. pl. 2.

**Blue-black Falcon**, *Penn.* Brit. Zool. pl. 1. f. 5.

**Common Falcon**, *Lath.* Syn. i. p. 65.

**Yearling Falcon**, *Lath.* Syn. i. p. 65. sp. 49, var. A.

**Tartarian Falcon**, *Lath.* Syn. i. p. 73. sp. 52, var. A.

**Behree Falcon**, *Lath.* Syn. Supp. i. p. 35. sp. 112.

*Habitat.*—Europe. Britain, Central Europe. Ionian Isles. Africa. Cape of Good Hope, Conducia Bay. Mozambique (*W. Jard.*). S. Asia. India, Candahar. Japan (*Schlegel*).

133 a. **FALCO ORIENTALIS**, Gmelin, 1789.—Mus.

*Falco orientalis*, *Gmel. Syst. Nat.* p. 264. — *Lath. Ind. Orn.* p. 22; *Gen. Hist.* i. p. 162.—*Daud. Tr. Orn.* ii. p. 76.

**Oriental Hawk**, *Lath. Syn.* i. p. 34\*.

*Habitat.*—Japan.

133 b. **FALCO ANATUM**, Bonaparte, 1838. — Mus. Strickland, No. 42. Jard., Brit., Edinb.

*Accipiter falco niger*, *Briss. Orn.* i. p. 327.

*A. falco maculatus*, *Briss. Orn.* i. p. 329.

*Falco niger*, *Gmel. Syst. Nat.* p. 270.

*F. nævius*, *Gmel. Syst. Nat.* p. 271.

*F. communis* ζ, *Lath. Ind. Orn.* p. 31.

*F. communis* η, *Lath. Ind. Orn.* p. 31.

*F. peregrinus*, *Ord. Wils. Am. Orn.* pl. 76.—*Sab. Linn. Trans.* xii. p. 529.—*Richards. Parry's 2nd Voy. App.* p. 342; *Faun. Bor. Am.* ii. p. 23.—*Bonap. Ann. Lye. N. York*, ii. p. 27; *Isis*, 1832, p. 1136; *Consp. Av.* p. 23. no. 4.—*King, Voy. Beag.* i. p. 532.—*James. (Wils.) Am. Orn.* i. p. 51.—*Jard. (Wils.) Am. Orn.* iii. p. 251.—*Brew. (Wils.) Am. Orn.* p. 677; *Synop.* 683.—*Wedderb. Jard. Cont. Orn.* 1849, p. 81.—*Woodh. (Sitg.) Exp. Zuni & Colorad.* p. 60.—*Giraud, B. Long Isld.* p. 14.—*Peale, U. S. Expl. Exp.* p. 66. — *Gray, List B. Brit. Mus.* p. 51.

*F. anatum*, *Bonap. Eur. & N. Am. B.* p. 4; *Rev. Zool.* 1850, p. 484.—*Bridg. Proc. Zool. Soc.* pt. 11. p. 109; *Ann. Nat. Hist.* xiii. p. 499.—*Gosse, B. Jam.* p. 16.—*Cass. B. Calif. & Tex.* p. 86.—*De Kay, Zool. N. York*, ii. p. 13. pl. 3. f. 8.—*Nutt. Man. Orn. U. S. & Canad.* p. 53.—*Peab. B. Mass.* p. 83.

**Spotted Hawk**, *Edw. B.* pl. 3.

**Black Hawk**, *Edw. B.* pl. 4.

**Common Falcon**, var. **E. Black Falcon**, *Lath. Syn.* i. p. 67.

**Common Falcon**, var. **F. Spotted winged Falcon**, *Lath. Syn.* i. p. 68.

*Habitat.* — N. parts of N. America to lat. 74° N. (summ.). United States (wint.). Greenland (*Sabine*). W. Indies. S. America. Chili. Straits of Magellan?

133 c. **FALCO MINOR**, Bonaparte, 1850.—Mus. Jard.

*Falco peregrinoides*, *Smith, S. Af. Quart. Journ.* p. 235.

*F. peregrinus*, *Smith, S. Af. Quart. Journ.* p. 236 (sub peregrini-



noides) ; S. Af. Zool. (sub semitorquatus).—*Bonap.* Consp. Av. p. 23.

*F. communis minor*, *Schleg.* Fauçonerie.

*F. minor*, *Bonap.* Rev. Zool. 1850, p. 484.

*Habitat.*—S. Africa.

134. **FALCO MELANOGENYS**, Gould, 1837. — Mus. Strickland, No. 43. Brit.

*Falco communis*, *Lath.* New S. Wales Dr. ii. no. 4.

*F. peregrinus*, *Vig.* Linn. Trans. xv. p. 183 ; *Isis*, 1830, p. 260. — *Bonap.* Consp. Av. p. 23. no. 2.

*F. melanogenys*, *Gould*, Proc. Zool. Soc. pt. 5. p. 139 ; Synop. B. Aust. pt. 3. pl. 40. f. 2 ; B. Aust. i. pl. 8 ; Intr. B. Aust. p. 19.—*Gray*, Gen. B. fol. sp. 6 ; List B. Brit. Mus. p. 51.—*Bonap.* Rev. Zool. 1850, p. 484.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 56.—*Sturt*, Exp. Aust. App. p. 14.

*F. macropus*, *Swains.* An. Menag. p. 341.

Bird Hawk, *Lath.* Gen. Hist. i. p. 228.

*Habitat.*—Australia. Van Diemen's Land.

135. **FALCO FRONTALIS**, Daudin, 1800.—Mus.

*Falco frontalis*, *Daud.* Tr. Orn. ii. p. 118. — *Vig.* Zool. Journ. i. p. 339. — *Steph.* Zool. xiii. pt. 2. p. 38. — *Cuv.* Règ. An. ed. 2. i. p. 322.—*Swains.* Classif. B. ii. p. 212.—*Gray*, Gen. B. fol. sp. 13. App. p. 2.

*F. cirratus* A, *Lath.* Syn. Supp. ii. p. 25 ; Gen. Hist. i. p. 167.

*F. galericulatus*, *Shaw*, Zool. vii. pl. 21.

*F. peregrinoides*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 55.

Falcon huppé, *Levaill.* Ois. Af. pl. 28.

*Habitat.*—S. Africa.

136. **FALCO PEREGRINATOR**, Sundeval, 1837.—Mus. Strickland, No. 44. Jard., Brit., E. Ind. Comp.

*Accipiter falco ruber indicus*, *Briss.* Orn. i. p. 333.

*Falco communis*  $\chi$ , *Lath.* Ind. Orn. p. 31 ; Gen. Hist. var. F. i. p. 116.

*F. sultaneus*, *Hodgs.* Gray, Zool. Misc. p. 81. no. 681.—*Gray*, List B. Brit. Mus. p. 24.

**F. peregrinator**, *Sundev.* Physiog. Tidskr. 1837, p. 177. pl. 4 ; Ann. Nat. Hist. xviii. p. 454.—*Gray*, Gen. B. fol. sp. 5 ; List B. Brit. Mus. p. 50.—*Blyth*, Journ. As. Soc. Beng. xix. p. 321.—*Bonap.* Rev. Zool. 1850, p. 484 ; Consp. Av. p. 23 ; Cat. Mus. E.I.C. i. p. 18.

**F. shaheen**, *Jerd.* Madr. Journ. x. p. 81 ; Ill. Ind. Orn. pl. 12.

Red Indian Falcon, var. I, *Lath.* Syn. i. p. 69. sp. 49.

*Habitat.*—S. Asia. Nepal. India.

137. **FALCO NIGRICEPS**, Cassin, 1853. — Mus. Philad., Washington.

**Falco nigriceps**, *Cass.* B. Calif. & Tex. p. 87 ; Proc. Ac. Sc. Philad. 1855, p. 277.

*Habitat.*—California. Chili (*Cassin*).

138. **FALCO POLYAGRUS**, Cassin, 1853. — Mus. Philad., Washington.

**Falco polyagrus**, *Cass.* B. Calif. & Tex. p. 88 ; Proc. Ac. Sc. Philad. 1855, p. 277.

*Habitat.*—Sources of the Platte, California (*Cassin*).

139. **FALCO SUBBUTEO**, Linnæus, 1766.—Mus. Jard., Brit.

**Subbuteo**, *Albin*, B. i. pl. 6.

**Accipiter dendrofalco**, *Briss.* Orn. i. p. 375.

**Falco subbuteo**, *Linn.* Syst. Nat. p. 127. — *Gmel.* Syst. Nat. p. 283. — *Lath.* Ind. Orn. p. 47 ; Syn. i. p. 103 ; Supp. i. p. 28 ; Gen. Hist. i. p. 119.—*Daud.* Tr. Orn. ii. p. 171.—*Shaw*, Zool. vii. pl. 25.—*Temm.* Mau. Orn. pt. 1. p. 25 ; pt. 3. p. 12 ; Tab. Méth. p. 2. — *Cuv.* Règ. An. ed. 1. i. p. 311 ; ed. 2. i. p. 321. — *Vieill.* Nouv. Dict. Hist. Nat. xi. p. 96 ; Enc. Méth. iii. p. 1231 ; Faun. Franç. p. 31. pl. 14. f. 10.—*Less.* Tr. Orn. p. 92.—*Steph.* Zool. xiii. pt. 2. p. 39.—*Swains.* Classif. B. ii. p. 212.—*Gould*, Eur. B. pl. 22.—*Bonap.* Eur. & N. Am. B. p. 4 ; Cat. Ucc. Eur. p. 21 ; Consp. Av. p. 25.—*Blyth*, Journ. As. Soc. Beng. xi. p. 881.—*Bailly*, Orn. Sav. i. p. 50.—*S.-Longch.* Faun. Belg. p. 51.—*Roux*, Orn. Prov. i. p. 51. pl. 33.—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 59.—*Borkh.* Teutsche Orn. pt. 15.—*Naum.* Nat. Vög. Deutschl. iv. p. 133. pl. 15. f. 23 ; ed. nov. i. p. 296. pl. 26.—*Frisch*, Vög. Deutschl. pl. 86. — *Brehm*, Vög. Deutschl. i. p. 64.—*Wern.* Atl. Ois. Eur.—*Selby*, Ill. Brit. Orn. i. p. 43. pl. 16.—*Bew.* Brit. B. ed. 1. i. p. 39.—*Yarr.* Brit. B. i. p. 41.—*Penn.* Brit.

B. 1812, i. p. 247. — *Flem.* Brit. An. p. 49. — *Jenyns*, Brit. Man. p. 82. — *Mont.* Orn. Dict. i. & Supp. Hob. ; ed. Renn. p. 255. — *Maegill.* Rapt. B. Brit. p. 182 ; Brit. B. iii. p. 309. — *Jard.* Brit. B. i. p. 127. pl. 5. — *Thomps.* B. Irel. i. p. 49. — *Watt.* B. Irel. p. 5. — *Dillw.* Faun. Swans. p. 4. — *Knox*, Orn. Suss. (Ramb.) p. 183. — *Baik. & Hedd.* Hist. Nat. Orcad. p. 27. — *Morr.* Brit. B. p. 100. pl. 14.

**F. barletta**, *Daud.* Tr. Orn. ii. p. 129.

**F. hirundinum**, *Brehm*, Isis, 1832, p. 740 ; Isis, 1833, p. 781 ; Vög. Deutschl. i. p. 65.

**Hypotriorchis subbuteo**, *Boié*, Isis, 1826, p. 976. — *Gray*, Gen. B. ed. 2. p. 5 ; fol. sp. 1. pl. 8. f. 2 ; List B. Brit. Mus. p. 53 ; Gen. & Subgen. Brit. Mus. p. 5. — *Kaup*, Ueb. Falk. Mus. Senck. p. 257.

**Dendrofalco subbuteo**, *Gray*, Gen. B. p. 3.

**Hobreau**, *Buff.* Pl. Enl. 432. — *Gérard.* Tab. Elem. i. p. 54.

**Baumfalke**, *Bechst.* Taschenb. Deutschl. i. p. 36.

**Lodolajo**, *Savi*, Orn. Tosc. i. p. 42.

*Habitat.*—Europe. Britain. Ionian Isles. Asia. Erzerroom. Bengal (wint.). Candahar. Africa. Morocco.

#### 140. **FALCO ELEONORÆ**, Gené, 1839.—Mus.

**Falco eleonoræ**, *Gené*, Mem. Ac. Roy. Sc. Turin, ii. p. 41. pl. 1, 2 ; Rev. Zool. 1839, p. 105 ; Instit. vii. p. 396. — *Bonap.* Faun. Ital. i. Ucc. pl. 1 ; Cat. Ucc. Eur. p. 21 ; Ann. Nat. Hist. iv. p. 358 ; Consp. Av. p. 25. — *Temm.* Man. Orn. iv. p. 593. — *Degl.* Orn. Eur. i. p. 108. — *Jaub.* Mot sur l'Orn. Eur. p. 30. — *Brehm*, Naumann. 1850, pp. 31, 33.

**F. subbuteo**, *Drumm.* Ann. Nat. Hist. xii. p. 423. — *Schleg.* Krit. übers. p. 15.

**Hypotriorchis eleonoræ**, *Gray*, Gen. B. fol. sp. 2. — *Bonap.* Rev. Zool. 1850, p. 486.

*Habitat.*—S. Europe. Ionian Isles. Crete.

#### 140 a. **FALCO ARCADICUS**, Lindermayer, 1843.—Mus.

**Falco arcadicus**, *Linderm.* Isis, 1843 ; Rev. Zool. 1843, p. 211. — *Bonap.* Consp. Av. p. 25 (sub *F. eleonoræ*). — *Brehm*, Naumann. pp. 31, 33.

**Hypotriorchis arcadicus**, *Gray*, Gen. B. fol. sp. 8.

*Habitat.*—S. Europe. Greece.

141. **FALCO CHIQUERA**, Daudin, 1800.—Mus. Strickland, Nos. 45 a. 45 b. 45 c. Jard., Brit., Zool. Soc.

*Falco chiquera*, *Daud.* Tr. Orn. ii. p. 121. — *Lath.* Ind. Orn. Supp. p. 5.—*Shaw*, Zool. vii. p. 176.—*Cuv.* Règ. An. ed. 1. i. p. 312 ; ed. 2. i. p. 322. — *Vieill.* Nouv. Dict. Hist. Nat. xi. p. 90 ; Enc. Méth. iii. p. 1233.—*Vig.* Zool. Journ. i. p. 339. —*Steph.* Zool. xiii. pt. 2. p. 38.—*Gould*, B. Him. pl. 2.—*Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 80 ; Journ. As. Soc. Beng. iii. p. 420.—*Less.* Tr. Orn. p. 90.—*Jerd.* Madr. Journ. x. p. 82.—*Blyth*, Ann. Nat. Hist. xii. p. 91 ; Journ. As. Soc. Beng. xix. p. 322 (syn. exc.).—*Smith*, Ill. S. Af. Zool. (sub *F. semitorquatus*).—*Bonap.* Consp. Av. p. 25 (syn. exc.) ; Cat. Mus. E.I.C. p. 23.—*Hartl.* Journ. Orn. Caban. 1853, p. 39. — *Vierth.* Naumann. ii. p. 48.

*F. macrodactylus*, *Swains.* Classif. B. ii. p. 212.

*F. fasciatus*, *Traill*, Cat. Liverp. Mus.

*Hypotriorchis chiquera*, *Gray*, Gen. B. fol. sp. 9 ; List B. Brit. Mus. p. 56.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 22.

*Aesalon chiquera*, *Kaup*, Class. Sang. u. Vög. p. 111.

*Chicquera*, *Levaill.* Ois. Af. pl. 30.

*Chicquera Falcon*, *Lath.* Syn. Supp. ii. p. 27 ; Gen. Hist. i. p. 168.

*Fasciated Falcon*, *Lath.* Gen. Hist. i. p. 189.

*Habitat.*—Asia. S. Himalaya, Bengal, Dukhun, Nepal. Africa (*Smith*).

- 141 a. **FALCO RUFICOLLIS**, Swainson, 1837.—Mus.

*Falco ruficollis*, *Swains.* Classif. B. ii. p. 212 ; B.W. Af. i. pl. 2. —*Hartl.* Journ. Orn. Caban. 1853, p. 38.

*F. chicquera*, *Bonap.* Consp. Av. p. 25.

*Tawny-headed Falcon*, *Lath.* Gen. Hist. i. p. 200.

*Habitat.*—Senegal. Sennaar. Abyssinia (*Hartlaub*).

142. **FALCO SEVERUS**, Horsfield, 1821.—Mus. Brit., E. Ind. Comp., Brit.

*Falco severus*, *Horsf.* Linn. Trans. xiii. p. 135 ; Isis, 1825, p. 1053.—*Lath.* Gen. Hist. i. p. 130.—*Steph.* Zool. xiii. pt. 2. p. 39.—*Vig.* Zool. Journ. i. p. 339 ; Raffl. Life, App. p. 650. —*Less.* Man. Orn. i. p. 79 ; Tr. Orn. p. 91.—*Cuv.* Règ. An. ed. 2. i. p. 322.—*Begbie*, Journ. Mal. Penins. p. 512.—*Blyth*, Journ. As. Soc. Beng. xix. p. 322.—*Bonap.* Consp. Av. p. 25. —*Gray*, List B. Brit. Mus. p. 53.

**F. aldrovandi**, *Temm.* Pl. Col. 128. — *Blyth*, Journ. As. Soc. Beng. xi. p. 160.

**F. subbuteo**, *Frankl.* Proc. Comm. Zool. Soc. pt. 1. p. 114.

**F. rufipedoides**, *Hodgs.* Calcut. Journ. Nat. Hist. iv. p. 283.

**F. guttata**, *Gray*, List B. Brit. Mus. 1844, p. 26; Ann. Nat. Hist. xi. p. 371.

**Hypotriorchis severus**, *Gray*, Gen. B. fol. sp. 3; List B. Brit. Mus. 1848, p. 53.—*Kaup*, Ueb. Falk. Mus. Senck. p. 257.

*Habitat.*—Asia. Bengal, Nepal, Darjeeling, Almorah. Java. Philippine Isles.

143. **FALCO FEMORALIS**, Temminck, 1824. — Mus. Strickland, No. 46 *a.* 46 *b.* Jard., Brit., Paris, Munich, Leyden, Berlin, Vienna.

**Falco femoralis**, *Temm.* Pl. Col. 121, 343.—*Spix*, Av. Braz. i. p. 18 (quot. Pl. Col. 121). — *Fig.* Zool. Journ. i. p. 339. — *Steph.* Zool. xiii. pt. 2. p. 39.—*Less.* Man. Orn. i. p. 79; Tr. Orn. p. 89.—*Cuv.* Règ. An. ed. 2. i. p. 322.—*Swains.* Classif. B. ii. p. 212. — *Nordm.* Erm. Reis. um. Erde, Atl. p. 16. — *Brigg.* Proc. Zool. Soc. pt. 11. p. 109; Ann. Nat. Hist. xiii. p. 499.—*D'Orbig.* Voy. Am. Mérid. Av. p. 116. — *Tschudi*, Consp. Av. Wieg. Arch. 1844, p. 266; Faun. Per. p. 108. — *Cass.* Proc. Ac. Sc. Philad. 1855, p. 178.

**F. fusco-cærulescens**, *Vieill.* Nouv. Dict. Hist. Nat. xi. p. 90.

**F. cyanescens**, *Vieill.* Enc. Méth. iii. p. 1234 (quot. No. 40, Azara, juv. teste Hartlaub).

**F. thoracicus**, *Licht.* Verz. Doubl. p. 62.

**Hypotriorchis femoralis**, *Gray*, Gen. B. fol. sp. 13; List B. Brit. Mus. p. 56.—*Hartl.* Syst. Ind. Azar. p. 3.

**Aplomado**, *Azar*, Pax. Par. i. p. 175. nos. 30, 40.

*Habitat.*—United States (accident.). Mexico (*Cassin*).

144. **FALCO RUFIGULARIS**, Daudin, 1800. — Mus. Strickland, No. 47 *a.* 47 *b.* Brit., Swains.

**Falco aurantius**  $\beta$ , *Lath.* Ind. Orn. i. p. 48.

**F. aurantius**  $\gamma$ , *Lath.* Ind. Orn. i. p. 48.

**F. rufigularis**, *Daud.* Tr. Orn. ii. p. 131.

**F. albigularis**, *Daud.* Tr. Orn. ii. p. 131.

**F. aurantius**, *Temm.* Pl. Col. sub pl. 348.—*Licht.* Verz. Doubl. p. 61.

**F. hæmorrhoidalis**, *Hahn*, Vög. xv. lief. pl. 1.

*F. cucullatus*, *Swains.* An. Menag. p. 340.

*F. thoracicus*, *Donovan*, Nat. Rep. pl. 45.

*Hypotriorchis rufigularis*, *Gray*, Gen. B. fol. sp. 5 ; List B. Brit. Mus. p. 54.—*Bonap.* Consp. Av. (sub *F. aurantius*).

Orange-breasted Hobby, *Lath.* Syn. Supp. i. pp. 28, 29. Desc. 1, 2, no. 91.

*Habitat.*—S. America. Brazil, Trinidad, Guiana.

145. **FALCO AURANTIUS**, *Gmelin*, 1789. — Mus. Jard., Brit., Paris, Munich.

*Falco aurantius*, *Gmel.* Syst. Nat. p. 283. — *Lath.* Ind. Orn. p. 48 (exc. var.  $\beta$ ,  $\gamma$ ) ; Gen. Hist. i. p. 289.—*Daud.* Tr. Orn. ii. p. 130.—*Shaw*, Zool. vii. p. 194.—*Steph.* Zool. xiii. pt. 2. p. 40.—*Cuv.* Règ. An. ed. 2. i. p. 322.—*Less.* Tr. Orn. p. 91.—*Bonap.* Consp. Av. p. 25 (syn. exc.).

*F. deiroleucus*, *Temm.* Pl. Col. 348.—*Less.* Man. Orn. i. p. 79.—*Gray*, List B. Brit. Mus. 1844, p. 25 ; Gen. B. fol. sp. 12.—*Bonap.* Rev. Zool. 1850, p. 486.

*F. rufigularis*, *Gray*, List B. Brit. Mus. p. 54.

*Hypotriorchis aurantius*, *Kaup*, Ueb. Falk. Mus. Senck. p. 257.

*Bidens aurantius*, *Spix*, Av. Braz. i. p. 17.

Orange-breasted Hobby, *Lath.* Syn. i. p. 105.

*Habitat.*—S. America. Rio Negro.

146. **FALCO LUNULATUS**, *Latham*, 1801.—Mus. Jard., Brit., Sw.

*Falco lunatus*, *Lath.* New S. Wales Dr. ii. no. 3.

*F. lunulatus*, *Lath.* Ind. Orn. Supp. p. 13 ; Gen. Hist. i. p. 227.—*Shaw*, Zool. vii. p. 184.—*Gray*, Ann. Nat. Hist. xi. p. 189.

*F. frontatus*, *Gould*, Proc. Zool. Soc. pt. 5. p. 139 ; Synop. B. Aust. pt. 3. pl. 40. f. 1 ; Intr. B. Aust. p. 19 ; B. Aust. i. pl. 10.—*Bonap.* Consp. Av. p. 25.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 55.

*F. longipennis*, *Swains.* An. Menag. p. 341.

*F. subbuteoides*, *Jameson*.

*F. subbuteo*, *Brehm*, Isis, 1845, p. 347.

*Sparvius lunulatus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 324 ; Enc. Méth. iii. p. 1264.

*Hypotriorchis frontatus*, *Gray*, Gen. B. fol. sp. 4 ; List B. Brit. Mus. p. 54.

Lunated Falcon, *Lath.* Syn. Supp. ii. p. 54. sp. 65.

Paramatta Falcon, *Lath.* Gen. Hist. i. p. 225.

*Habitat.*—Australia. New S. Wales, S. Australia. Van Diemen's Land.

147. **FALCO ARDOSIACEUS**, Vieillot, 1823. — Mus. Strickland, No. 48. Jard., Brit., Paris, Leyden, Berlin, E. Ind. Comp. (From Abyssinia, *Harris*.)

*Falco ardosiaceus*, *Vieill.* Enc. Méth. iii. p. 1238. — *Pucher.* Rev. Zool. 1850, p. 90.

*F. concolor*, *Temm.* Pl. Col. 330.—*Less.* Man. Orn. i. p. 78 ; Tr. Orn. p. 90. — *Gould*, Eur. B. pl. 25. — *Swains.* B. W. Af. i. pl. 3.—*Bonap.* Eur. & N. Am. B. p. 4 ; Cat. Ucc. Eur. p. 21. — *Brehm*, Naumann. 1850, pp. 31, 33.

*F. unicolor*, *Swains.* Classif. B. ii. p. 212.

*Tinnunculus concolor*, *Rüpp.* Syst. übers. p. 11.

*Hypotriorchis concolor*, *Gray*, Gen. B. fol. sp. 6 ; List B. Brit. Mus. p. 54.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 55.—*Hartl.* Verz. W. Af. Vög. p. 15.

*Æsalon ardosiaceus*, *Bonap.* Consp. Av. p. 26.

*Habitat.*—Egypt. Arabia (*Lesson*). W. Africa (*Swains.*).

- 147 a. **FALCO TIBIALIS**, Daudin, 1800.—Mus.

*Falco tibialis*, *Daud.* Tr. Orn. ii. p. 120.—*Lath.* Ind. Orn. Supp. p. 10 ; Gen. Hist. i. p. 174.—*Shaw*, Zool. vii. p. 175.—*Vieill.* Nouv. Dict. Hist. Nat. xi. p. 93.—*Vig.* Zool. Journ. i. p. 339. — *Steph.* Zool. xiii. pt. 2. p. 38. — *Cuv.* Règ. An. ed. 2. i. p. 322.—*Swains.* Classif. B. ii. p. 212. — *Bonap.* Rev. Zool. 1850, p. 483.

*Hypotriorchis tibialis*, *Gray*, Gen. B. fol. sp. 7.

Faucon à culotte noir, *Levaill.* Ois. Af. pl. 29.

Black-thighed Falcon, *Lath.* Syn. Supp. ii. p. 49.

*Habitat.*—S. Africa. Great Namaquas.

148. **FALCO ÆSALON**, Gmelin, 1789.—Mus. Strickland, Nos. 49 a. 49 b. 49 c. Jard., Brit.

*Accipiter lithofalco*, *Briss.* Orn. i. p. 349.

*A. æsalon*, *Briss.* Orn. i. p. 382.



- Falco lithofalco**, *Gmel. Syst. Nat.* p. 278. — *Lath. Ind. Orn.* p. 47; *Gen. Hist.* i. p. 136. — *Daud. Tr. Orn.* ii. p. 127. — *Shaw, Zool.* vii. pl. 24. — *Vieill. Faun. Franç.* p. 33. pl. 15. f. 1, 2; *Nouv. Dict. Hist. Nat.* xi. p. 94; *Enc. Méth.* iii. p. 1230. — *Less. Tr. Orn.* p. 94. — *Degl. Orn. Eur.* i. p. 108. — *Schembri, Orn. Malt.* p. 13. — *Benoit, Orn. Sicil.* p. 11. — *Roux, Orn. Prov.* i. p. 53. pls. 31, 32.
- F. æsalon**, *Gmel. Syst. Nat.* p. 284. — *Lath. Ind. Orn.* p. 49; *Gen. Hist.* i. p. 133. — *Daud. Tr. Orn.* ii. p. 137. — *Shaw, Zool.* vii. p. 196. — *Cuv. Règ. An.* ed. 1. i. p. 311; ed. 2. i. p. 321. — *Temm. Man. Orn.* pt. 1. p. 27; pt. 3. p. 13; *Tab. Méth.* p. 2. — *Steph. Zool.* xiii. pt. 2. p. 39. — *Brehm, Isis*, 1832, p. 742; *Vög. Deutschl.* pp. 67, 68. — *Swains. Classif. B. ii.* p. 212. — *Gould, Eur. B.* pl. 24. — *Bonap. Eur. & N. Am. B.* p. 4; *Cat. Ucc. Eur.* p. 21. — *Malh. Orn. Sicil.* p. 25. — *Schulz, Faun. March.* p. 280. — *Mühle, Orn. Griechl.* p. 14. — *Kaluza, Orn. Siles.* p. 40. — *Bailly, Orn. Sav.* i. p. 54. — *S.-Longch. Faun. Belg.* p. 51. — *Wern. Atl. Ois. Eur.* — *Frisch, Vög. Deutschl.* pl. 87. — *Naum. Nat. Vög. Deutschl.* ed. nov. i. p. 303. pl. 27. f. 1, 2, 3. — *Selby, Ill. Brit. Orn.* i. p. 51. pls. 18, 18\*. — *Bew. Brit. B.* ed. 1. i. p. 41. — *Farr. Brit. B. i.* p. 48. — *Penn. Brit. Zool.* 1812, i. p. 251. — *Flem. Brit. An.* p. 50. — *Jenyns, Brit. Man.* p. 83. — *Mont. Orn. Dict.* ii. *Mer.*; ed. *Renn.* p. 319. — *Macgill. Rapt. B. Brit.* p. 210; *Brit. B. iii.* p. 317. — *Jard. Brit. B. i.* p. 129. pl. 6. — *Thomps. B. Irel.* i. p. 51. — *Watt. B. Irel.* p. 6. — *Dillw. Faun. Swans.* p. 4. — *Knox, Orn. Suss. (Ramb.)* p. 184. — *Dunn, Ork. & Shet.* p. 74. — *Baik. & Hedd. Hist. Nat. Orcad.* p. 28. — *Morr. Brit. B.* p. 112. pl. 16.
- F. regulus**, *Gmel. Syst. Nat.* p. 285. — *Lath. Ind. Orn.* p. 50; *Syn. i.* p. 113; *Gen. Hist.* i. p. 138. — *Daud. Tr. Orn.* ii. p. 146. — *Pall. Trav.* ii. p. 707.
- F. æsalon**  $\gamma$ , *Lath. Ind. Orn.* p. 49; *Gen. Hist.* i. p. 135 B.
- F. tinnunculus**  $\beta$ , *Lath. Ind. Orn.* p. 42; *Gen. Hist.* i. p. 126 B.
- F. intermixtus**, *Daud. Tr. Orn.* ii. p. 141.
- F. xmirillus**, *Savig. Desc. Egypt.* pt. 1. p. 100.
- F. sibiricus**, *Shaw, Zool.* vii. p. 207.
- F. cæsius**, *Meyer, Taschenb. deutsch. Vögelk.* i. p. 60. — *Faber, Prod. Isl. Orn.* p. 3; *Isis*, 1827, p. 70. — *Naum. Nat. Vög. Deutschl. Alte Ausg.* iv. p. 139. pl. 15. f. 24; *Nachtr.* iii. p. 112. pl. 17. f. 32.
- F. subæsalon**, *Brehm, Vög. Deutschl.* i. p. 67.
- Æsalon lithofalco**, *Kaup, Ueb. Falk. Mus. Senck.* p. 258.
- Tinnunculus pennis griseis**, *Gmel. Reis. Sib.* i. p. 49. pl. 10.

*Hypotriorchis æsalon*, *Gray*, Gen. B. fol. sp. 10 ; List B. Brit. Mus. p. 55.

*Le Rochier*, *Buff.* Pl. Enl. 447. — *Gérard*. Tab. Elem. Orn. i. p. 58.

*L'Emerillon*, *Buff.* Pl. Enl. 468. — *Gérard*. Tab. Elem. Orn. i. p. 60.

*Stenfalken*, *Nilsson*, Skand. Faun. pl. 41.

*Seneviglio*, *Savi*, Orn. Tosc. i. p. 43.

*Stone Falcon*, *Lath.* Syn. i. p. 93. sp. 77.

*Merlin*, *Lath.* Syn. i. p. 106. sp. 93 ; Supp. i. p. 29.

*Kestrel*, var. *B. Grey Kestrel*, *Lath.* Syn. i. p. 95. sp. 79 B.

*Merlin*, var. *C. Falconer's Merlin*, *Lath.* Syn. i. p. 109. sp. 93.

*Habitat.*—Europe. Iceland. W. Asia, Anatolia (*Strickland*). Candahar (*Hutton*).

149. **FALCO COLUMBARIUS**, Linnæus, 1766. — Mus. Strickland, Nos. 50 *a*. 50 *b*. Jard., Brit., Peale, Edinb.

*Falco accipiter carolinensis*, *Briss.* Orn. i. p. 378.

**F. columbarius**, *Linn.* Syst. Nat. p. 128. — *Gmel.* Syst. Nat. p. 281. — *Lath.* Ind. Orn. i. p. 44 ; Syn. i. p. 101. sp. 86 ; Supp. i. p. 27 ; Gen. Hist. i. p. 278. — *Daud.* Tr. Orn. ii. p. 83. — *Shaw*, Zool. vii. p. 188. — *Wils.* Am. Orn. pl. 15. f. 3. — *Jard.* (Wils.) Am. Orn. i. p. 254. — *James.* (Wils.) Am. Orn. i. p. 61. — *Brew.* (Wils.) Am. Orn. i. p. 683. — *Richards.* Faun. Bor. Am. ii. p. 35. — *Audub.* Synop. B. Am. p. 16. — *Bonap.* Ann. Lyc. N. York, ii. p. 28 ; Isis, 1832, p. 1136 ; Eur. & N. Am. B. p. 4. — *Cuv.* Règ. An. ed. 2. i. p. 322. — *Less.* Tr. Orn. p. 92. — *Forst.* Phil. Trans. lxii. p. 382. — *Swains.* Classif. B. ii. p. 212. — *Jard.* Ann. Nat. Hist. xviii. p. 118. — *Gosse*, B. Jam. p. 17. — *R. Sagra*, Hist. Nat. Cuba, Ois. p. 23. — *Wedderb.* Jard. Cont. Orn. 1849, p. 81. — *Hurdis*, Jard. Cont. Orn. 1850, p. 6. — *De Kay*, Zool. N. York, ii. p. 15. pl. 4. f. 9. — *Giraud*, B. Long Isld. p. 17.

**F. obscurus**, *Gmel.* Syst. Nat. p. 281. — *Lath.* Ind. Orn. p. 44 ; Syn. Supp. i. p. 38 ; Gen. Hist. i. p. 272. — *Daud.* Tr. Orn. ii. p. 123.

**F. intermixtus**, *Daud.* Tr. Orn. ii. p. 141. — *Lath.* Gen. Hist. i. p. 136.

**F. temerarius**, *Audub.* Am. B. pls. 75, 92 ; Orn. Biog. i. p. 380.

**F. auduboni**, *Blackwall*, Res. Zool.

**F. æsalon**, *Richards.* Faun. Bor. Am. pl. 25 (fem.).

*Accipiter palumbarius*, *Catesb.* Carol. i. pl. 3.

*Tinnunculus columbarius*, *Vieill.* Ois. Am. Sept. i. pl. 11; *Nouv. Dict. Hist. Nat.* xii. p. 104; *Enc. Méth.* iii. p. 1236.

*Hypotriorchis columbarius*, *Gray*, List B. Brit. Mus. p. 55; *Gen. B.* fol. sp. 11.—*Cass.* B. Calif. & Tex. p. 90.—*Woodh.* (Sitg.) Exp. Zuni & Colorad. p. 60.

*Lithofalco columbarius*, *Bonap.* Consp. Av. p. 26.

*Æsalon columbarius*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 54.

Pigeon Hawk, *Penn.* Arct. Zool. ii. p. 212.

Dusky Falcon, *Penn.* Arct. Zool. sp. 113 (fem. juv.).

Abbotian Falcon, *Lath.* Gen. Hist. i. p. 292.

*Habitat.*—N. part of N. America to lat. 66° N. (summ.). United States (*Mig.*). Mexico (wint.). W. Indian Islands.

150. **FALCO SEMITORQUATUS**, Smith, 1830. — Mus. E. Ind. Comp., from Abyssinia (*Harris*).

*Falco semitorquatus*, *Smith*, Rept. Exp. Af. p. 44; *Ill. S. Af. Zool.* Av. pl. 1.

*Hypotriorchis semitorquatus*, *Gray*, *Gen. B.* fol. sp. 14; *App.* p. 2.

*Polihierax semitorquatus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 52.

*Habitat.*—S. Africa. Latakoo.

151. **FALCO VESPERTINUS**, Linnæus, 1766. — Mus. Strickland, Nos. 51 a. 51 b. *Jard.*, Brit., E. Ind. Comp.

*Falco vespertinus*, *Linn.* Syst. Nat. p. 129.—*Gmel.* Syst. Nat. p. 282.—*Lath.* Ind. Orn. p. 46; *Syn.* i. p. 102. sp. 88; *Supp.* i. p. 27; *Gen. Hist.* i. p. 122.—*Daud.* Tr. Orn. ii. p. 124.—*Shaw*, Zool. vii. p. 190. — *Vieill.* Faun. Franç. p. 32. pl. 14. f. 2, 3; *Nouv. Dict. Hist. Nat.* xi. p. 97; *Enc. Méth.* iii. p. 1232. — *Savi*, Orn. Tosc. i. p. 50. — *Michah.* Isis, 1830, p. 890.—*Bonap.* Eur. & N. Am. B. p. 4; *Cat. Ucc. Eur.* p. 21. — *Blyth*, Ann. Nat. Hist. xiii. p. 113. — *Ronx*, Orn. Prov. i. p. 56. pls. 34, 35, 36, 37, 38.—*Macgill.* Rapt. B. Brit. p. 187; *Brit. B.* iii. p. 313.

*F. rufipes*, *Beseke*, Vög. Kurl. p. 13. pls. 3, 4.—*Lath.* Gen. Hist. i. p. 124.—*Temm.* Man. Orn. pt. 1. p. 33, pt. 3. p. 17; *Tab. Méth.* p. 3.—*Steph.* Zool. xiii. pt. 2. p. 39.—*Cuv.* Règ. An. ed. 2. i. p. 322. — *Kittl.* Kupf. Vög. p. 4. pl. 3. f. 1.—*Farr.* Mag. Nat. Hist. ser. 1. iv. p. 116; *Brit. B.* i. p. 44. —

*Swains.* Classif. B. ii. p. 212.—*Gould*, Eur. B. pl. 23.—*Rüpp.* Syst. übers. p. 11.—*Bailly*, Orn. Sav. i. p. 57.—*Lubb.* Faun. Norf. p. 19.—*Bechst.* Taschenb. Deutschl. i. p. 39.—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 64; Vög. Liv. u. Esthl. p. 23.—*Naum.* Nat. Vög. Deutschl. Nachtr. iii. p. 114. pl. 17. f. 33; pl. 18. f. 34, 35; ed. nov. i. p. 311. pl. 28.—*Wern.* Atl. Ois. Eur.—*Jenyns*, Brit. Man. p. 83.—*Eyton*, Rare Brit. B. p. 5; Mont. Orn. Dict. ed. Renn. p. 345.—*Jard.* Brit. B. i. p. 136. pl. 7.—*Thomps.* B. Irel. i. p. 50.—*Watt.* B. Irel. p. 6.—*Morr.* Brit. B. p. 107. pl. 15.

*F. subbuteo*, var., *Lath.* Syn. Supp. i. p. 46; Gen. Hist. i. p. 120 A.

*F. tinnunculus*, var. 1, *Shaw*, Zool. vii. p. 181.

*F. rubripes*, *Less.* Man. i. p. 77; Tr. Orn. p. 93.

*Erythropus vespertinus*, *Petheny*, Isis, 1830, p. 796.—*Brehm*, Vög. Deutschl. p. 76. pl. 5. f. 4.—*Gray*, Gen. B. p. 3, ed. 2. p. 4.—*Bonap.* Consp. Av. p. 26; Cat. Mus. E.I.C. p. 16.

*Tinnunculus vespertinus*, *Gray*, List B. Brit. Mus. p. 60; Gen. B. fol. sp. 13.

*Der Kopez*, *Gmel.* Reis. Sib. i. p. 67. pl. 13.

Variété du *Hobreau*, *Buff.* Pl. Enl. 431.

*Le Kober*, *Buff.* Ois. ed. Sonn. iii. p. 201.

*Rothfussiger Falk*, *Wolf u. Meyer*, Vög. Deutschl. Ht. 18.

*Ingrian Falcon*, *Lath.* Syn. i. p. 102. sp. 88.

*Habitat.*—Europe. Ionian Isles. W. Asia. Trebizond. S. Asia. Bengal. Nepal. Neelgherries. N. Africa. Egypt.

152. **FALCO NOVÆ SEELANDIÆ**, *Gmelin*, 1789.—*Mus.* Jard., Brit., Zool. Soc.

*Falco harpe*, *Forst.* Ic. ined. 36, 37, 38.

*F. novæ seelandiæ*, *Gmel.* Syst. Nat. p. 268.—*Lath.* Ind. Orn. p. 28; Gen. Hist. i. p. 160 (nec pl.). — *Daud.* Tr. Orn. ii. p. 104.—*Shaw*, Zool. vii. p. 159.—*Gray*, Zool. Ereb. p. 1.

*F. brunnea*, *Gould*, Proc. Zool. Soc. pt. 5. p. 139; Synop. B. Aust. pt. 3. pl. 40. f. 3.—*Gray*, Dieff. New Zeal. ii. p. 186.

*F. australis*, *Hombron*, Ann. Sc. Nat. ser. 2. xvi. p. 312; Voy. Pole Sud, pl. 1. f. 1.

*Hypotriorchis novæ zealandiæ*, *Gray*, Gen. B. fol. sp. 12; List B. Brit. Mus. p. 56.

*Ieracidea novæ-seelandiæ*, *Bonap.* Consp. Av. p. 22. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 56.

**New Zealand Falcon**, *Lath.* Syn. i. p. 57 (nec pl.).

*Habitat.*—New Zealand. Auckland Islands.

Genus **TINNUNCULUS**, *Vieillot.* 1807.

153. **TINNUNCULUS ALAUDARIUS**, (Gmelin) 1789. — Mus. Strickland, Nos. 52 *a.* 52 *b.* 52 *c.* 52 *d.* 52 *e.* 52 *f.* Jard., Brit., E. Ind. Comp.

*Tinnunculus*, *Albin*, B. i. pl. 7 ; iii. pl. 5.

*T. alaudarius*, *Gray*, Gen. B. p. 3 ; ed. 2. p. 5 ; fol. sp. 1. pl. 8. f. 3 ; List B. Brit. Mus. p. 58.—*Bonap.* Cat. Ucc. Eur. p. 21 ; Consp. Av. p. 27.—*Rüpp.* Syst. übers. p. 11.—*Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 323.—*Hartl.* Verz. W. Af. Vög. p. 15.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53.—*Strickl. & Selat.* Proc. Zool. Soc. 1850, p. 215.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 21.

*T. interstinctus*, *Gray*, Gen. B. fol. sp. 3.

*Accipiter alaudarius*, *Briss.* Orn. i. p. 379.

*A. tinnunculus*, *Briss.* Orn. i. p. 393.

*Falco tinnunculus*, *Linn.* Syst. Nat. p. 127. — *Gmel.* Syst. Nat. p. 278.—*Lath.* Ind. Orn. p. 41 ; Syn. i. p. 94 ; Supp. i. p. 25 ; Supp. ii. p. 43 ; Gen. Hist. i. p. 125. — *Daud.* Tr. Orn. ii. p. 132. — *Shaw*, Zool. vii. p. 179. — *Steph.* Zool. xiii. pt. 2. p. 38.—*Vieill.* Nouv. Dict. Hist. Nat. xi. p. 91 ; Enc. Méth. iii. p. 1229 ; Faun. Franç. p. 34. pl. 16. f. 1, 2.—*Temm.* Man. Orn. pt. 1. p. 29, pt. 3. p. 14 ; Tab. Méth. p. 2.—*Boié*, Isis, 1822, p. 770.—*Cuv.* Règ. An. ed. 2. i. p. 322.—*Less.* Tr. Orn. p. 93. — *Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 80 ; Journ. As. Soc. Beng. iii. p. 419.—*Brehm*, Isis, 1832, p. 744 ; Vög. Deutschl. p. 73.—*Swains.* Classif. B. ii. p. 212.—*Savig.* Desc. Egypt. pt. 1. p. 99. — *Gould*, Eur. B. pl. 26. — *Jerd.* Madr. Journ. x. p. 82.—*Austin*, Ann. Nat. Hist. xiii. p. 93.—*Wern.* Atl. Ois. Eur.—*Bailly*, Orn. Sav. i. p. 60.—*S.-Longch.* Faun. Belg. p. 51.—*Roux*, Orn. Prov. i. p. 58. pl. 39, 40.—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 62 ; Vög. Deutschl. pt. 2.—*Naum.* Nat. Vög. Deutschl. ed. nov. i. p. 323. pl. 30. f. 1, 2.—*Frisch*, Vög. Deutschl. pls. 84, 85, 88. — *Leach*, Syst. Cat. Brit. Mus. p. 10.—*Couch*, Faun. Cornw. p. 11.—*Asso*, Zool. Arag. p. 68.—*Borkh.* Teutsche Orn. pls. 19 ♂, 20 ♀.—*Bonn.* Enc. Méth. p. 5. — *Bew.* Brit. B. ed. 1. i. pp. 36 ♂, 37 ♀. —

*Mont.* Orn. Dict. i. & Supp. *Kes.* ; ed. *Renn.* p. 275.—*Penn.* Brit. Zool. ed. 8vo. 1812, i. p. 244. — *Selby*, Ill. Brit. Orn. i. p. 47. pls. 17, 17\*. — *Yarr.* Brit. B. i. p. 52. — *Flem.* Brit. An. p. 50.—*Jenyns*, Brit. Man. p. 84.—*Macgill.* Rapt. B. Brit. pp. 40, 193, 468 ; Brit. B. iii. p. 325. — *Jard.* Brit. B. i. p. 139. pl. 8.—*Thomps.* B. Irel. p. 55.—*Watt.* B. Irel. p. 7. — *Lubb.* Faun. Norf. p. 19. — *Morr.* Brit. B. p. 121. pl. 17.—*Baik. & Hedd.* Hist. Nat. Orcad. p. 28.—*Knox*, Orn. Suss. (Ramb.) p. 184.—*Fox*, Synop. Newcastle. Mus. p. 53.

*F. alaudarius*, *Gmel.* Syst. Nat. p. 279.

*F. tinnunculus*  $\gamma$ , *Lath.* Ind. Orn. p. 42; Syn. i. p. 95. sp. 79 A ; Supp. ii. p. 44 ; Gen. Hist. i. p. 126 A.

*F. fasciatus*, *Retz.* Faun. Succ. p. 70. sp. 17.

*F. tinnunculus* D, *Lath.* Syn. Supp. ii. p. 44 ; Gen. Hist. i. p. 127 C.

*F. brunneus*, *Bechst.* Taschenb. Deutschl. i. p. 38.

*F. tinnunculus japonicus*, *Temm. & Schleg.* Faun. Jap. p. 3, pls. 1 & 1 B.

*F. rufescens*, *Swains.* Classif. B. ii. p. 212 ; B. W. Af. i. p. 109.

*F. interstinctus*, *M'Clell.* Proc. Zool. Soc. 1839, p. 154 ; Ann. Nat. Hist. vi. p. 373.

*Cerchneis tinnunculus*, *Bonap.* Eur. & N. Am. B. p. 5.—*Boié.*

*C. murum*, *Brehm*, Vög. Deutschl. i. p. 70.

*C. media*, *Brehm*, Vög. Deutschl. i. p. 72.

*Cresserelle*, *Buff.* Pl. Enl. 401, 471.

*Thurmfalke*, *Bechst.* Taschenb. Deutschl. i. p. 37.

*Gheppio*, *Savi*, Orn. Tosc. i. p. 45.

*Habitat.*—Europe. Ionian Isles. Asia. Bengal (*Franklin*), Dukhun (*Sykes*), Anatolia, Trebizond, Nepal, Bochara, Candahar, Japan, Assam, as *T. interstinctus*, M'Clell. Africa. Cape of Good Hope (*Sykes*), Morocco, Senegal, as *T. rufescens*, Swains. America. Greenland (*Sabine*).

153 a. **TINNUNCULUS MOLUCCENSIS**, Schlegel, 18—. — Mus. E. Ind. Comp.

*Falco tinnunculus*, *Horsf.* Linn. Trans. xiii. p. 135.—*Fig.* Raffl. Life, p. 650.—*Müll.* Verh. Nat. Gesch. Ned. Bez. Landk. p. 209 ; Cat. Mus. E.I.C. p. 13.

*F. cenchris*, *Temm.* MS.



*Tinnunculus moluccensis*, *Hombr. & Jacq. Voy. Pole Sud*, Ois. p. 112 (teste *Bonap.*).

Java Kestrel, *Swains. B. W. Af. i.* p. 109.

*Habitat.*—Malasia. Java. Timor.

154. **TINNUNCULUS CENCHRIS**, *Frisch*, 1739. — *Mus. Strickland*, No. 53. *Jard., Brit., E. Ind. Comp.*

*Falco cenchris*, *Frisch*, *Vög. Deutschl.* pl. 89.—*Cuv. Règ. An.* ed. 2. i. p. 322. — *Eversm. Addend. Pall. Zoog. Ross. As.* fasc. iii. p. 6.—*Naum. Nat. Vög. Deutschl.* ed. nov. i. p. 318. pl. 29. f. 1, 2.

*F. naumanni*, *Fleischer* in *Fischer*, *Jahrgang*, 1818.

*F. tinnunculoides*, *Temm. Man. Orn.* pt. 1. p. 31 ; pt. 3. p. 15. — *Fig. Zool. Journ.* i. p. 339.—*Steph. Zool.* xiii. pt. 2. p. 40. — *Lath. Gen. Hist.* i. p. 129.—*Michah. Isis*, 1830, p. 889.—*Less. Tr. Orn.* p. 94. — *Gould, B. Eur.* pl. 27. — *Swains. Classif. B. ii.* p. 212. — *Bailly, Orn. Sav.* i. p. 66. — *Wern. Atl. Ois. Eur.*—*Meyer, Taschenb. deutsch. Vögelk.* iii. p. 17 ; *Zusätze*, p. 18.—*Thomps. B. Irel.* i. p. 60.

*F. tinnuncularius*, *Vieill. Faun. Franç.* p. 36. pl. 16. f. 3 ; *Enc. Méth.* iii. p. 1230.—*Roux, Orn. Prov.* i. p. 60. pl. 41.

*F. grillajo*, *Savi, Orn. Tosc.* i. p. 47.

*F. xanthonyx*, *Natterer, (Naum. Anmerk. Nat. Vög. Deutschl.* ed. nov. p. 323).

*Cerchneis cenchris*, *Brehm, Vög. Deutschl.* p. 74.—*Bonap. Eur. & N. Am. B.* p. 5.

*Tinnunculus cenchris*, *Bonap. Cat. Ucc. Eur.* p. 21 ; *Consp. Av.* p. 27.—*Gray, Gen. B. fol. sp.* 7 ; *List B. Brit. Mus.* p. 60. — *Blyth, Journ. As. Soc. Beng.* xix. n. s. p. 323. — *Rüpp. Syst. übers.* p. 11.

*Pœcilornis cenchris*, *Kaup, Monog. Falc. Cont. Orn.* 1850, p. 53.

*Falco di torre diverso*, *Storia degl. Uccel.* i. pl. 25.

*Faucon cresserellette*, *B. St. Vinc. Exped. Sc. Morea*, pls. 2, 3.

Grey-winged Kestrel, *Lath. Gen. Hist.* i. p. 202.

*Habitat.*—S. Europe. Ionian Isles. W. Asia. Anatolia (*Strickland*). Bengal (*Blyth*).

155. **TINNUNCULUS RUPICOLUS**, (*Daudin*) 1800.—*Mus. Strickland*, Nos. 54 *a.* 54 *b.* *Jard., Brit.*

*Falco rupicolus*, *Daud. Tr. Orn.* ii. p. 135. — *Lath. Ind. Orn. Supp.* p. 9 ; *Syn. Supp.* p. 45 ; *Gen. Hist.* i. p. 203.—*Vieill.*



Nouv. Dict. Hist. Nat. xi. p. 103 ; Enc. Méth. iii. p. 1236.—*Smith*, S. Af. Quart. Journ. p. 237 ; Ill. S. Af. Zool. (sub *F. semitorquatus* and *rupicoloides*).—*Vig.* Zool. Journ. i. pp. 329, 339. — *Steph.* Zool. xiii. pt. 2. p. 38. — *Licht.* Verz. Doubl. p. 62.—*Less.* Tr. Orn. p. 91.—*Swains.* Classif. B. ii. p. 212.

*F. capensis*, *Shaw*, Zool. vii. p. 152. — *Cuv.* Règ. An. ed. 2. i. p. 322.

*Cerchneis rupicola*, *Boié*, Isis, 1826, p. 976.

*Tinnunculus rupicolus*, *Gray*, Gen. B. fol. sp. 4 ; List B. Brit. Mus. p. 59.—*Bonap.* Consp. Av. p. 27.—*Rüpp.* Syst. übers. p. 11.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53.

*Le Montagnard*, *Levaill.* Ois. Af. pl. 35.

*Habitat.*—S. Africa. Cape of Good Hope.

156. **TINNUNCULUS RUPICOLÖIDES**, (*Smith*) 1830. — Mus. Strickland, No. 55. Jard., Brit.

*Falco rupicolöides*, *Smith*, Ill. S. Af. Zool. pl. 92 ; S. Af. Quart. Journ. p. 238.—*Gray*, List B. Brit. Mus. 1844, p. 29.

*Tinnunculus rupicolöides*, *Gray*, Gen. B. fol. sp. 5 ; List B. Brit. Mus. p. 59.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53.

*Habitat.*—S. Africa.

157. **TINNUNCULUS PUNCTATUS**, (*Temminck*) 1823. — Mus. Strickland, No. 56. Brit., Paris.

*Falco punctatus*, *Temm.* Pl. Col. 45. — *Vig.* Zool. Journ. i. p. 339.—*Steph.* Zool. xiii. pt. 2. p. 38.—*Cuv.* Règ. An. ed. 2. i. p. 322.—*Swains.* Classif. B. ii. p. 212.—*Less.* Man. Orn. i. p. 78 ; Tr. Orn. p. 90.

*Tinnunculus punctatus*, *Gray*, Gen. B. fol. sp. 6 ; List B. Brit. Mus. p. 60.—*Bonap.* Consp. Av. p. 27.—*Hartl.* Verz. W. Af. Vög. 1848 ; Ann. Nat. Hist. ii. 2nd ser. p. 383.

*Habitat.*—Isle of France. Madagascar.

158. **TINNUNCULUS CENCHROIDES**, (*Vigors*) 1826. — Mus. Strickland, Nos. 57 a. 57 b. Brit., Linn. Soc.

*Falco*, *Lath.* New S. Wales, Dr. iii. no. 24.

*F. cenchroides*, *Vig.* Linn. Trans. xv. p. 183 ; Isis, 1830, p. 260. — *Sturt*, Exp. Aust. App. p. 14.

*Cerchneis immaculatus*, *Brehm*, Isis.

*Tinnunculus cenchroides*, *Gould*, B. Aust. i. pl. 13 ; Intr. p. 23.

— *Gray*, List B. Brit. Mus. p. 60. — *Bonap.* Consp. Av. p. 27. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53.

*Habitat.*—Australia. New S. Wales, S. Australia, Port Essington.

159. **TINNUNCULUS SPARVERIUS**, (Linnæus) 1766.—Mus. Strickland, Nos. 58 *a.* 58 *b.* 58 *c.* 58 *d.* 58 *e.* Jard., Peale, Brit., Edinb.

*Accipiter æsalon antillarum*, *Briss.* Orn. i. p. 385.

*A. æsalon carolinensis*, *Briss.* Orn. i. p. 386. pl. 32. f. 1.

*A. minor*, *Catesby*, Carol. i. pl. 5.

*Falco sparverius*, *Linn.* Syst. Nat. p. 128.—*Penn.* Arct. Zool. pp. 211, 212. — *Gmel.* Syst. Nat. p. 284. — *Lath.* Ind. Orn. p. 42; Syn. i. p. 110. sp. 94; Gen. Hist. i. p. 290.—*Daud.* Tr. Orn. ii. p. 142. pl. 12.—*Shaw*, Zool. vii. pl. 26.—*Wils.* Am. Orn. pl. 16. f. 1, pl. 32. f. 2.—*James.* (Wils.) Am. Orn. i. pp. 56, 60. — *Less.* Tr. Orn. p. 95. — *Vig.* Zool. Journ. i. p. 339; iii. p. 435. — *Benn.* Gard. Zool. Soc. ii. p. 121. — *Steph.* Zool. xiii. pt. 2. p. 38.—*Cuv.* Règ. An. ed. 2. i. p. 322. — *Jard.* (Wils.) Am. Orn. i. p. 262; ii. p. 51. — *Richards.* Faun. Bor. Am. pl. 24. — *Wagl.* Isis, 1831, p. 517. — *Bonap.* Ann. Lyc. N. York, ii. p. 27; Isis, 1832, p. 1136. — *King*, Zool. Journ. iii. p. 425?; Voy. Beag. i. p. 532.—*Max.* Beiträg. iii. p. 116. — *Vieill.* Enc. Méth. iii. p. 1234. — *Audub.* Am. B. pl. 142; Orn. Biog. ii. p. 246 (pl. 142).—*Brew.* (Wils.) Am. Orn. Synop. p. 684. — *Swains.* Classif. B. ii. p. 212. — *D'Orbig.* R. Sagra, Hist. Nat. Cuba, p. 25; Voy. Am. Mérid. Ois. p. 114. — *Tschudi*, Av. Consp. Wieg. Arch. i. 1844, p. 266; Faun. Per. Av. p. 110.—*De Kay*, Zool. N. York, ii. p. 16. pl. 7. f. 16.—*Peale*, U.S. Expl. Exp. p. 67.—*Peab.* B. Mass. iii. p. 69.—*Nutt.* Man. Orn. U. S. & Canad. i. p. 58.—*Beech.* Voy. p. 15.

*F. antillarum*, *Gmel.* Syst. Nat. p. 284.

*F. æsalon*  $\beta$ , *Lath.* Ind. Orn. p. 49; Gen. Hist. i. p. 135 A.

*F. temerarius*, *Audub.* Am. B. pl. 85; Orn. Biog. i. p. 381.

*Tinnunculus sparverius*, *Vieill.* Ois. Am. Sept. pls. 12, 13. — *Darwin*, Zool. Beag. pt. 3. p. 29. — *Bridg.* Proc. Zool. Soc. pt. 11. p. 109; Ann. Nat. Hist. xiii. p. 499.—*Gray*, Gen. B. fol. sp. 10; List B. Brit. Mus. p. 60. — *Woodh.* Sitz. Exp. Zuni & Colorad. p. 60. — *Cass.* Proc. Ac. Sc. Philad. 1855, p. 278; B. Calif. & Tex. p. 92.

*Bidens sparverius*, *Spix*, Av. Braz. i. p. 16 (quot. Pl. Enl. 465).

*B. dominicensis*, *Spix*, Av. Braz. i. p. 16 (quot. Pl. Enl. 444).

*Cerchneis sparverius*, *Bonap.* Eur. & N. Am. B. p. 5.

*Pæcilornis sparverius*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53.

Emerillon de Cayenne, *Buff.* Pl. Enl. 444.

Cenotzqui, *Hernandez* (teste *Wagler*).

Caribbee Merlin, *Lath.* Syn. i. p. 108.

New York Merlin, *Lath.* Syn. i. p. 107 (fem.).

Little Falcon, *Lath.* Syn. i. p. 110. sp. 94.

*Habitat.*—N. America generally to lat. 56° N. (summ.). United States (resid.). Mexico, Monterey. S. America, Straits of Magellan (*King*), Patagonia, Peru (*Darwin*), Chili. Cuba.

159 *a.* **TINNUNCULUS SPARVERIOIDES**, (Vigors) 1828.—Mus.

*Falco sparveroides*, *Vig.* Zool. Journ. iii. p. 436 ; *Isis*, 1830, p. 1166.

*Tinnunculus sparveroides*, *Gray*, Gen. B. fol. sp. 12.—*D'Orbig.* R. Sagra, Hist. Nat. Cuba, p. 30. pl. 1.—*Fraser*, Zool. Typ. pl. 30.—*Bonap.* Consp. Av. p. 27.

*Pæcilornis sparveroides*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53.

*Habitat.*—W. Indies. Cuba.

159 *b.* **TINNUNCULUS DOMINICENSIS**, (Gmelin) 1789.—Mus. Strickland, Nos. 59 *a.* 59 *b.*

*Accipiter æsalon dominicensis*, *Briss.* Orn. i. p. 389. pl. 32. f. 2.

*Falco dominicensis*, *Gmel.* Syst. Nat. p. 285.—*Daud.* Tr. Orn. ii. p. 143.

*F. gracilis*, *Swains.* An. Menag. p. 281.

*Cerchneis isabellinus*, *Swains.* An. Menag. p. 281.

Emerillon de St. Domingue, *Buff.* Pl. Enl. 465.

St. Domingo Falcon, *Lath.* Syn. i. p. 111.

*Habitat.*—S. America. Brazil, Bahia. W. Indies. St. Domingo, Trinidad, Demerara.

160. **TINNUNCULUS CINNAMOMINUS**, (Swainson) 1838. — Mus. Strickland, No. 60. Brit.

*Falco cinnamominus*, *Swains.* An. Menag. p. 281.

*Tinnunculus cinnamomeus*, *Gray*, Gen. B. fol. sp. 11 ; List B. Brit. Mus. p. 62.—*Bonap.* Consp. Av. p. 27.

*Pœcilornis cinnamominus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53 (sub *P. sparverius*).

*Habitat*.—S. America. Chili.

161. **TINNUNCULUS GRACILIS**, (Lesson) 1831.—Mus. Paris.

*Falco gracilis*, *Less.* Tr. Orn. p. 93.—*Des Murs*, Iconog. Orn. pl. 25.—*Pucher.* Rev. Zool. 1850, p. 214.

*Tinnunculus gracilis*, *Gray*, Gen. B. fol. sp. 2 ; App. p. 2.

*Pœcilornis gracilis*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53 (sub *P. sparverius*).

*Habitat*.—Sechelles Islands.

Genus **HIERACIDEA**, *Gould*. 1837.

162. **HIERACIDEA BERIGORA**, (Vigors) 1826.—Mus. Strickland, Nos. 61 *a.* 61 *b.* Jard., Brit., Linn. Soc.

*Falco berigora*, *Vig.* Linn. Trans. xv. p. 184; *Isis*, 1830, p. 260.—*Less.* Tr. Orn. p. 98.

*Ieracidea berigora*, *Gould*, Proc. Zool. Soc. 1837, p. 140; Synop. B. Aust. pt. 1. pl. 41 ; B. Aust. i. pl. 11 ; Intr. p. 23.—*Gray*, Gen. B. p. 3 ; ed. 2. p. 5 ; fol. sp. 1. pl. 8. f. 4 ; List B. Brit. Mus. p. 57. — *Bonap.* Consp. Av. p. 22. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 56.

Cream-bellied Falcon, *Lath.* Gen. Hist. i. p. 230.

*Habitat*.—Australia. New S. Wales. Van Diemen's Land.

162 *a.* **HIERACIDEA OCCIDENTALIS**, *Gould*, 1844.—Mus.

*Ieracidea occidentalis*, *Gould*, Proc. Zool. Soc. pt. 12. p. 105 ; B. Aust. i. pl. 12.—*Gray*, Gen. B. fol. sp. 2 ; List B. Brit. Mus. sub *H. berigora*.—*Bonap.* Consp. Av. p. 22.

*Habitat*.—W. Australia.

Genus **HARPAGUS**, *Vigors*. 1825.

163. **HARPAGUS BIDENTATUS**, (Latham) 1790.—Mus. Strickland, Nos. 62 *a.* 62 *b.* Jard., Brit., Munich.

*Falco bidentatus*, *Lath.* Ind. Orn. p. 38 ; Gen. Hist. i. p. 252.

—*Daud.* Tr. Orn. ii. p. 118.—*Shaw*, Zool. vii. p. 175.—*Temm.* Pl. Col. 38, 228.—*Less.* Man. Orn. i. p. 78.—*Cuv.* Règ. An. ed. 2. i. p. 322.

**Harpagus bidentatus**, *Vig.* Zool. Journ. i. p. 338.—*Steph.* Zool. xiii. pt. 2. p. 35.—*Gray*, Gen. B. p. 3; ed. 2. p. 5; fol. sp. 1. pl. 8. f. 5; List B. Brit. Mus. p. 62. — *Bonap.* Consp. Av. p. 28. — *Tschudi*, Faun. Per. pp. 18, 107. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 54.

**H. rufipes**, *Swains.* Classif. B. ii. p. 213.

**Diodon braziliensis**, fem., *Less.* Tr. Orn. p. 96.

**D. bidentatus**, *D'Orbig.* Synop. Av. Mag. Zool. 1838, p. 9; Voy. Am. Mérid. Av. p. 122.

**Bidens rufiventer**, *Spix*, Av. Braz. i. pl. 6.

**B. albiventer**, *Spix*, Av. Braz. i. pl. 7 (juv.).

**Notched Falcon**, *Lath.* Syn. i. p. 34. sp. 110; Supp. ii. p. 28.

*Habitat.*—Brazil. Guiana.

164. **HARPAGUS DIODON**, (*Temminck*) 1824.—*Mus.* Strickland, No. 63. Max., Paris, Leyden, Vienna.

**Falco diodon**, *Temm.* Pl. Col. 198.—*Less.* Man. Orn. i. p. 78.—*Cuv.* Règ. An. ed. 2. i. p. 322.

**Harpagus diodon**, *Vig.* Zool. Journ. i. p. 338.—*Steph.* Zool. xiii. pt. 2. pl. 34.—*Swains.* Classif. B. ii. p. 213.—*Gray*, Gen. B. fol. App. p. 2; List B. Brit. Mus. p. 62. — *Bonap.* Consp. Av. p. 28.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 53.

**Diodon braziliensis**, *Less.* Tr. Orn. p. 95.

**Bidens femoralis**, *Spix*, Av. Braz. i. pl. 8.

*Habitat.*—Brazil.

Genus **HIERAX**, *Vigors.* 1824.

165. **HIERAX CÆRULESCENS**, (*Linnaeus*) 1766.—*Mus.* E. Ind. Comp.

**Falco bengalensis**, *Briss.* Orn. Supp. vi. p. 20. sp. 38.

**F. cærulescens**, *Linn.* Syst. Nat. p. 125. — *Gmel.* Syst. Nat. p. 285.—*Lath.* Ind. Orn. p. 50; Syn. i. p. 112. sp. 97; Gen. Hist. i. p. 208.—*Daud.* Tr. Orn. ii. p. 145.—*Shaw*, Zool. vii. pl. 27. — *Less.* Man. Orn. i. p. 79?; Tr. Orn. p. 92. — *Cuv.* Règ. An. ed. 2. i. p. 322.

*F. fringillarius*, *Drapiez*, Dict. Class. Hist. Nat.

*Hierax cærulescens*, *Fig.* Zool. Journ. i. p. 339.—*Steph.* Zool. xiii. pt. 2. p. 37.—*Gray*, Gen. B. p. 4 ; ed. 2. p. 5.—*Bonap.* Consp. Av. p. 25.

*Ierax cærulescens*, *Gray*, Gen. B. fol. sp. 1. pl. 8. f. 6 ; List B. Brit. Mus. p. 62.

*Harpagus cærulescens*, *Swains.* Classif. B. ii. p. 213.

Little Black and Orange Hawk, *Edw.* B. pl. 108.

Bengal Falcon, *Lath.* Syn. i. p. 112. sp. 97.

*Habitat.*—Bengal.

166. **HIERAX MALAYENSIS**, Strickland, 1844. — Mus. Strickland, Nos. 64 *a.* 64 *b.* Jard., Brit., E.I. Comp.

*Falco cærulescens*, *Horsf.* Linn. Trans. xiii. p. 135 ; Zool. Res. pl. 35 ; *Isis*, 1824, p. 353 ; 1825, p. 1053.—*Temm.* Pl. Col. 97.—*Vieill.* Gal. Ois. pl. 18.—*Kittlitz*, Kupf. Vög. pl. 3. f. 2.

*F. cærulescens*, var., *Lath.* Gen. Hist. i. p. 209, desc. ult.

*Hierax cærulescens*, *Fig.* Raffl. Life, p. 649. — *Blyth*, Journ. As. Soc. Beng. xii. p. 180\*.

*H. malayensis*, *Strickl.* Ann. Nat. Hist. xiii. p. 33.—*Gray*, Gen. B. fol. sp. 2.

Pygmy Falcon, *Lath.* Gen. Hist. i. p. 296.

*Habitat.*—Malasia. Malacca. Java.

167. **HIERAX EUTOLMUS**, Hodgson, 1844. — Mus. Brit., E.I. Comp.

*Falco cærulescens* A, *Lath.* Gen. Hist. i. p. 208.

*Hierax bengalensis*, *Blyth*, Journ. As. Soc. Beng. xi. p. 789 ; xii. p. 180\* ; xix. p. 321.

*H. eutolmus* v. *bengalensis*, *Hodgs.* Cat. Nep. B. nos. 51, 52.—*Gray*, Misc. p. 81 ; List B. Brit. Mus. p. 63 ; Gen. B. fol. sp. 5.

*Habitat.*—S. Asia. Nepal, Arracan.

168. **HIERAX ERYTHROGENYS**, Vigors, 1830.—Mus. Zool. Soc.

*Hierax erythrogenys*, *Fig.* Proc. Comm. Zool. Soc. pt. 1. p. 96 ; Journ. As. Soc. Beng. i. p. 261.—*Gray*, Gen. B. fol. sp. 3.

*Habitat.*—Indian Archipelago. Luzon.

169. **HIERAX SERICEUS**, (Kittlitz) 1809.—Mus. Brit.

*Falco sericeus*, *Kittlitz*, Mem. Ac. Petersb. ii. p. 1. pl. 1; Kupf. Vög. p. 4. pl. 3. f. 3.

*F. girronieri*, *Eydoux*, Voy. Bon. Ois. pl. 1.

*Hierax sericeus*, *Gray*, Gen. B. fol. sp. 6; List B. Brit. Mus. p. 63.

*H. melanoleucus*, *Blyth*, Journ. As. Soc. Beng. xii. p. 179\*; n. s. xix. p. 324.—*Gray*, Gen. B. fol. sp. 4.

*Habitat*.—Malasia. Philippine Isles.

Genus **ACCIPITER**, *Brisson*. 1760.170. **ACCIPITER NISUS**, *Linnaeus*, 1766. — Mus. Strickland, Nos. 65 *a*. 65 *b*. Jard., Brit., Zool. Soc.

*Accipiter fringillarius*, *Ray*, Synop. p. 18.—*Albin*, B. i. pl. 5; iii. pl. 4.—*Fig.* Zool. Journ. i. p. 338.—*Steph.* Zool. xiii. pt. 2. p. 30.—*Gould*, Eur. B. pl. 18.—*Swains.* Classif. B. ii. p. 215.—*Gray*, Gen. B. p. 5.—*Couch*, Faun. Cornw. p. 11.—*Selby*, Ill. Brit. Orn. i. p. 32. pl. 13, 13\*. — *Mont.* Orn. Dict. ed. Renn. p. 486.—*Jenyns*, Brit. Man. p. 85.—*Paget*, Nat. Hist. Yarm. p. 3.

*Accipiter*, *Briss.* Orn. i. p. 310.

*A. maculatus*, *Briss.* Orn. i. p. 314 A.

*A. minor*, *Briss.* Orn. i. p. 315. pl. 30. f. 1.

*A. nisus*, *Pall.* Zoog. Ross. As. i. p. 370.—*Bonap.* Eur. & N. Am. B. p. 5; Cat. Ucc. Eur. p. 21. — *Gray*, Gen. B. ed. 2. p. 6; fol. sp. 1. pl. 10. f. 4. — *Bonap.* Consp. Av. p. 32. — *Macgill.* Rap. Brit. B. p. 240.—*Thomps.* B. Irel. i. p. 63.—*Watt.* B. Irel. p. 8.—*Knox*, Orn. Suss. (Ramb.) p. 64.

*Falco nisus*, *Linn.* Syst. Nat. p. 130.—*Gmel.* Syst. Nat. p. 280.—*Lath.* Ind. Orn. p. 44; Syn. i. p. 99; Supp. i. p. 26; Gen. Hist. i. p. 131.—*Daud.* Tr. Orn. ii. p. 79.—*Shaw*, Zool. vii. p. 187. — *Temm.* Man. Orn. pt. 1. p. 56, pt. 3. p. 28; Tab. Méth. p. 5.—*Cuv.* Règ. An. ed. 1. i. p. 321; ed. 2. i. p. 333.—*Less.* Man. Orn. i. p. 96.—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 25; Vög. Deutschl. pt. 11; Vög. Liv. u. Esthl. p. 18.—*Naum.* Nat. Vög. Deutschl. iv. p. 161. pl. 18. f. 27, 28; pl. 19. f. 29, 30; ed. nov. i. p. 258. pls. 19, 20.—*Bechst.* Taschenb. i. p. 29; Naturg. Deutschl. ii. p. 320. — *Borkh.* Teutsche Orn. (major) pls. 116, 117 ♀; (minor) pls. 118 ♂, 118 ♀; (juv.)



pl. 120.—*Frisch*, Vög. Deutschl. pls. 90, 91, 92.—*Wern.* Atl. Ois. Eur.—*Bew.* Brit. B. ed. 1. i. p. 15; ed. 2. i. p. 44.—*Farr.* Brit. B. p. 62.—*Penn.* Brit. Zool. i. p. 249.—*Mud.* Brit. B. i. p. 97.—*Mont.* Orn. Diet. & Supp. Haw.—*Baik.* §. *Hedd.* Hist. Nat. Orcad. p. 29.—*Asso*, Faun. Arag. p. 69.—*Lubb.* Faun. Norf. p. 19.

*F. minutus*, *Linn.* Syst. Nat. p. 131.—*Lath.* Ind. Orn. p. 50.

*F. lacteus*  $\gamma$ , *Gmel.* Syst. Nat. p. 281.

*F. nisus*  $\beta$ , *Lath.* Ind. Orn. p. 45; Syn. i. p. 100; Gen. Hist. i. p. 132 A.

*F. nisus*  $\gamma$ , *Lath.* Ind. Orn. p. 45; Syn. i. p. 100; Gen. Hist. i. p. 133 B.

*Dædalion fringillarius*, *Savign.* Desc. Egypt. pt. 1. p. 94.

*Sparvius nisus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 319; Faun. Franç. p. 37. pl. 17. f. 1, 2.—*Roux*, Orn. Prov. i. p. 63. pls. 42, 43, 44.

*Nisus communis*, *Less.* Tr. Orn. p. 58.

*N. elegans*, *Brehm*, Vög. Deutschl. p. 86. no. 1.

*N. fringillarum*, *Brehm*, Isis, 1832, p. 747; 1833, p. 784; Vög. Deutschl. p. 87. no. 2.

*N. peregrinus*, *Brehm*, Vög. Deutschl. p. 88. no. 3.

*N. fringillarius*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 64.

*N. major*, *Jaub.* Mot. Orn. Eur. p. 29.

*Astur nisus*, *Bailly*, Orn. Sav. i. p. 75.—*S.-Longch.* Faun. Belg. p. 51.

*Buteo nisus*, *Flem.* Brit. An. i. p. 55.—*Garn.* Nat. Hist. Staff. p. 272.

*Ierax fringillarius*, *Leach*, Syst. Cat. Brit. Mus. p. 10.

*Sparviere*, *Savi*, Orn. Tosc. i. p. 57.

*L'Épervier*, *Buff.* Pl. Enl. 412, 467.—*Gerard.* Tab. Elem. Orn. i. p. 32.

*Sparviere di Fringuelli*, *Sepp.* Nederl. Vög. iii. p. 227.

*Habitat.*—Europe. Ionian Isles. W. Asia. Anatolia Straits. Erzeroom. Candahar. Madeira.

170 a. **ACCIPITER NISOSIMILIS**, Tickell, 1833. — Mus. Strickland, Nos. 66 a. 66 b. Jard., Brit.

*Falco nisus*, *Raffl.* Linn. Trans. xiii. p. 278.

*F. niso-similis*, *Tickell*, Journ. As. Soc. Beng. ii. p. 571.

*Accipiter fringillarius*, var., *Vig. Raffl. Life*, p. 649. — *Jerd. Madr. Journ.* x. p. 84.

*A. dussumieri*, *Jerd. Madr. Journ.* x. p. 84 (nec *Temm.*).

*A. nisosimilis*, *Blyth, Journ. As. Soc. Beng.* xii. p. 311 ; *Ann. Nat. Hist.* xii. p. 91.

*A. nisus*, *Blyth, Journ. As. Soc. Beng.* n. s. xix. p. 330.

*Bassura Falcon*, *Lath. Gen. Hist.* i. p. 207.

*Habitat.*—S. Asia. India. Malasia. Sumatra.

171. **ACCIPITER VIRGATUS**, (Temminck) 1824.—*Mus. Strickland*, No. 67. *Brit., Leyden.*

*Falco virgatus*, *Reinwardt*, MS.—*Temm. Pl. Col.* 109.

*Accipiter virgatus*, *Vig. Zool. Journ.* i. p. 338. — *Steph. Zool.* xiii. pt. 2. p. 32.—*Gray, Gen. B. fol. sp.* 10.—*Blyth, Journ. As. Soc. Beng.* n. s. xix. p. 331.—*Bonap. Consp. Av.* p. 32.

*A. dussumieri*, *Sykes, Proc. Comm. Zool. Soc.* pt. 2. p. 79 ; *Journ. As. Soc. Beng.* xii. p. 308.

*A. besra*, *Jerd. Madr. Journ.* x. p. 84 ; *Ill. Ind. Orn.* pl. 4.

*A. minutus*?, *Blyth, Journ. As. Soc. Beng.* xi. p. 882.

*Nisus virgatus*, *Less. Man. Orn.* i. p. 97.—*Cuv. Règ. An.* ed. 2. i. p. 334.

*Hiëraspizia virgatus*, *Kaup, Monog. Falc. Cont. Orn.* 1850, p. 63.

*Habitat.*—S. Asia. Nepal. India. Ceylon. Java. Sumatra.

171 a. **ACCIPITER NISOIDES**, *Blyth*, 1847.—*Mus.*

*Accipiter nisoides*, *Blyth, Journ. As. Soc. Beng.* xvi. p. 727 ; xix. p. 331.

*Habitat.*—S. Asia. Malacca.

172. **ACCIPITER BADIUS**, (Gmelin) 1789. — *Mus. Strickland*, Nos. 68 a. 68 b. 68 c. *Jard., Brit., Paris.*

*Falco badius*, *Gmel. Syst. Nat.* p. 280.—*Lath. Ind. Orn.* p. 43 ; *Syn.* i. p. 96 ; *Gen. Hist.* i. p. 210.—*Daud. Tr. Orn.* ii. p. 86.

*F. brownii*, *Shaw, Zool.* vii. p. 161.

*F. dussumieri*, *Temm. Pl. Col.* 308, 336. — *Cuv. Règ. An.* ed. Griff. Av. i. p. 55.

*Nisus dussumieri*, *Less.* Man. Orn. i. p. 99 ; Tr. Orn. p. 59.

*Astur dussumieri*, *Cuv.* Règ. An. ed. 2. i. p. 332.—*Blyth*, Ann. Nat. Hist. xii. p. 91 ; Journ. As. Soc. Beng. xii. p. 308.

*Accipiter dukhunensis*, *Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 79 (juv.) ; Journ. As. Soc. Beng. iii. p. 419.—*Jerd.* Madr. Journ. x. p. 83.

*A. scutarius*, *Hodgs.* Cat. Gray, Zool. Misc. p. 81 (juv.).

*A. affinis*, *Hodgs.* Cat. Gray, Zool. Misc. p. 81.

*A. badius*, *Strickl.* Ann. Nat. Hist. xiii. p. 33.—*Gray*, Gen. B. fol. sp. 14.—*Bonap.* Consp. Av. p. 33.—*Keluart*, Prod. Faun. Zeyl. ii. p. 24.

*Micronisus badius*, *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 332. — *Gray*, List B. Brit. Mus. p. 75. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 66.

*Brown Hawk*, *Brown*, Ill. Zool. pl. 3.

*Calcutta Sparrow Hawk*, *Lath.* Gen. Hist. i. p. 205.

*Chipuck Falcon*, *Lath.* Gen. Hist. i. p. 210.

*Habitat.*—India. Candahar, Nepal (Brit. Mus.).

173. **ACCIPITER SOLOENSIS**, (Horsfield) 1821. — Mus. Strickland, No. 69. Brit., Leyden, East Ind. Comp.

*Falco soloensis*, *Horsf.* Linn. Trans. xiii. p. 137.—*Lath.* Gen. Hist. i. p. 209 ; Isis, 1825, p. 1054.

*F. nisus*, small var., *Raffl.* Linn. Trans. xiii. p. 278.

*F. cuculoides*, *Temm.* Pl. Col. 110, 129.

*Accipiter soloensis*, *Vig.* Zool. Journ. i. p. 338 ; *Raffl.* Life, p. 649.—*Steph.* Zool. xiii. pt. 2. p. 34.—*Gray*, Gen. B. fol. sp. 18.

*Astur soloensis*, *Less.* Man. Orn. i. p. 94.

*Nisus cuculoides*, *Less.* Man. Orn. i. p. 97 ; Tr. Orn. p. 61.—*Cuv.* Règ. An. ed. 2. i. p. 334. — *Pucher.* Rev. Zool. 1850, p. 211.

*N. minutus*, *Less.* Tr. Orn. p. 60. — *Pucher.* Rev. Zool. 1850, p. 210.

*Tachyspizia soloensis*, *Kaup*, Class. Säug. u. Vög. p. 117 ; Monog. Falc. Cont. Orn. 1850, p. 63.—Cat. Mus. E. I. C. p. 38.

*Micronisus soloensis*, *Bonap.* Consp. Av. p. 33.—*Gray*, List B. Brit. Mus. p. 75.

*Habitat.*—Java.

174. **ACCIPITER FUSCUS**, (Gmelin) 1789. — Mus. Strickland, Nos. 70 *a.* 70 *b.* Jard., J. Taylor, Brit., Zool. Soc., Acad. Philad.
- Falco fuscus**, *Gmel. Syst. Nat.* p. 280. — *Lath. Ind. Orn.* p. 43 ; *Syn. i.* p. 98 ; *Gen. Hist. i.* p. 283. — *Mill. Cim. Phys. pl.* 18. — *Daud. Tr. Orn. ii.* p. 86. — *Shaw, Zool. vii.* p. 161. — *Audub. Am. B. pl.* 374 ; *Orn. Biog. iv.* p. 522. — *Brew. (Wils.) Am. Orn. Synop. p.* 685. — *Peab. B. Mass. iii.* p. 78. — *Thomps. Nat. Hist. Verm. p.* 61. — *Nutt. Man. Orn. U. S. & Canad. p.* 87.
- F. dubius**, *Gmel. Syst. Nat.* p. 281. — *Lath. Ind. Orn.* p. 44 ; *Syn. Supp. i.* p. 37 ; *Gen. Hist. i.* p. 279. — *Daud. Tr. Orn. ii.* p. 122.
- F. velox**, *Wils. Am. Orn. pl.* 45. f. 1. — *Bonap. Ann. Lyc. N. York, ii.* pp. 29, 433 ; *Isis*, 1832, p. 1137.
- F. pennsylvanicus**, *Wils. Am. Orn. pl.* 46. f. 1. — *Lath. Gen. Hist. i.* p. 280. — *Temm. Pl. Col.* 67 (fem. ?).
- F. columbarius**, var., *Shaw, Zool. vii.* p. 189.
- Accipiter velox**, *Lath. Gen. Hist. i.* p. 279. — *Vig. Zool. Journ. i.* p. 338. — *Steph. Zool. xiii. pt. 2.* p. 31.
- A. ardosiaceus**, *Vieill. Enc. Méth. iii.* p. 1274.
- A. pennsylvanicus**, *Vig. Zool. Journ. i.* p. 338. — *Steph. Zool. xiii. pt. 2.* p. 32. — *Richards. Faun. Bor. Am. ii.* p. 44. — *Jard. Wils. Am. Orn. ii.* pp. 210, 215. — *Swains. Classif. B. ii.* p. 215.
- A. fringilloides** ?, *Vig. Zool. Journ. iii.* p. 434 ? ; *Isis*, 1830, p. 1165. — *Jard. (Wils.) Am. Orn. ii.* p. 215.
- A. fuscus**, *Bonap. Eur. & N. Am. B. p.* 5 ; *Consp. Av. p.* 32. — *Gray, List B. Brit. Mus. p.* 38 ; *Gen. B. fol. sp. 4.* — *Cass. B. Calif. & Tex. p.* 95 ; *Proc. Ac. Sc. Philad. 1855, p.* 279. — *Woodh. Sitz. Exp. Zuni & Colorad. p.* 61.
- A. velox**, *Beech. Voy. Zool. p.* 15.
- Astur pennsylvanicus**, *Less. Man. Orn. i.* p. 92. — *James. (Wils.) Am. Orn. i.* p. 70.
- A. velox**, *James. (Wils.) Am. Orn. i.* p. 68.
- A. fuscus**, *De Kay, Zool. N. York, ii.* p. 17. pl. 2. f. 2 (juv. m.). — *Giraud, B. Long Isld. p.* 19.
- Nisus pennsylvanicus**, *Cuv. Règ. An. ed. 2. i.* p. 334. — *Less. Tr. Orn. p.* 59.
- N. fuscus**, *Kaup, Monog. Falc. Cont. Orn. 1850, p.* 64.
- N. fringilloides**, *D'Orbig. (R. Sagra) Hist. Nat. Cuba, Ois. p.* 18.

Dubious Falcon, *Penn. Aret. Zool.* sp. 112.

Blue-backed Falcon, *Lath. Gen. Hist.* i. p. 282.

*Habitat*.—America generally to lat. 49° N. (summ.). United States. California (resid.). Mexico. W. Indies. Cuba.

174 a. **ACCIPITER STRIATUS**, Vieillot, 1807.—Mus. Paris.

*Accipiter striatus*, *Vieill. Ois. Am. Sept.* pl. 14.

*Falco viellotinus*, *Shaw, Zool.* vii. pt. 1. p. 204.

*Sparvius tricolor*, *Vieill. Nouv. Dict. Hist. Nat.* x. p. 328; *Enc. Méth.* iii. p. 1267.—*Pucher. Rev. Zool.* 1850, p. 94.

*Nisus striatus*, *Cuv. Règ. An. ed. 2.* i. p. 334.

*N. malfini*, juv., *Less. Tr. Orn.* p. 58.—*Pucher. Rev. Zool.* 1850, p. 209.

Le petit Malfini, *Buff. Ois. ed. Sonn.* iii. p. 67.

*Habitat*.—S. America. Cayenne. W. Indies. St. Domingo.

174 b. **ACCIPITER MEXICANUS**, Swainson, 1831. — Mus. J. Taylor.

*Accipiter mexicanus*, *Swains. Faun. Bor. Am.* ii. p. 45.—*Jard. Wils. Am. Orn.* ii. p. 215. — *Bonap. Consp. Av.* p. 32 (sub *A. fuscus*). — *Cass. B. Calif. & Tex.* p. 96; *Proc. Ac. Sc. Philad.* 1855, p. 279.

*Habitat*.—Mexico (*Swainson*).

175. **ACCIPITER FERRUGINEUS**, (Nordmann) 1835. — Mus. Strickland, No. 71. Berlin.

*Falco ferrugineus*, *Nordm. Erm. Reis. Erde, Atl.* p. 16.

*Habitat*.—S. America. Brazil.

176. **ACCIPITER PILEATUS**, (Maximilian) 1820.—Mus. Strickland, No. 72. Max., Paris, Leyden, Vienna.

*Falco pileatus*, *Max. Reis. Bras.*; *Beiträg.* iii. p. 107.—*Temm. Pl. Col.* 205.

*F. cooperi*, *Bonap. Am. Orn.* pl. 10. f. 1; *Ann. Lyc. N. York*, ii. p. 433; *Isis*, 1832, p. 1137.—*James. (Wils.) Am. Orn.* iv. p. 3.—*Peab. B. Mass.* iii. p. 78.

*F. stanleyi*, *Audub. Am. B. pls.* 36, 141, adult; *Orn. Biog.* i. p. 186.

*Accipiter pileatus*, *Vig.* Zool. Journ. i. p. 338. — *Steph.* Zool. xiii. pt. 2. p. 33. — *Gray*, Gen. B. fol. sp. 5. — *Bonap.* Consp. Av. p. 32.

*A. sexfasciatus*, *Swains.* Classif. B. ii. p. 215; An. Menag. p. 282. — *Caban.* Rich. Schomb. Vers. Faun. u. Fl. Brit. Guian. p. 736.

*A. cooperi*, *Gray*, List B. Brit. Mus. p. 38; Gen. B. fol. sp. 6. — *Cass.* B. Calif. & Tex. p. 96.

*Astur cooperi*, *Jard.* Wils. Am. Orn. iii. p. 363. — *Bonap.* Eur. & N. Am. B. p. 5; Rev. Zool. 1850, p. 489; Consp. Av. p. 31. — *De Kay*, Zool. N. York, ii. p. 18. pl. 4. f. 5.

*Nisus pileatus*, *Less.* Man. Orn. i. p. 98; Tr. Orn. p. 57. — *Cuv.* Règ. An. ed. 2. i. p. 334. — *Lafresn.* Rev. Zool. 1849, p. 100. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 64 (exc. syns.).

*Habitat.*—N. America. Canada, United States. S. America. Cayenne, Brazil, Guiana (*Schomburgk*, teste *Swains.*). Chili. Patagonia.

177. **ACCIPITER GUTTATUS**, (Vieillot) 1817.—Mus. Pucheron, Paris.

*Sparvius guttatus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 327; Enc. Méth. iii. p. 1266. — *Pucher.* Rev. Zool. 1850, p. 13.

*Accipiter guttatus*, *Bonap.* Consp. Av. p. 32? (sub *A. pileatus*).

*Pardo y goteado*, *Azar.* Pax. Par. i. p. 113. no. 24.

*Habitat.*—Paraguay (*Azara*).

178. **ACCIPITER BICOLOR**, (Vieillot) 1817.—Mus. Paris.

*Sparvius bicolor*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 325; Enc. Méth. iii. p. 1265. — *Pucher.* Rev. Zool. 1850, p. 92.

*Nisus variatus*, *Less.* Tr. Orn. p. 61. — *Pucher.* Rev. Zool. 1850, pp. 6, 210.

*Habitat.*—S. America. Cayenne.

179. **ACCIPITER EXILIS**, (Temminck) 182.—Mus. Strickland, Nos. 73 a. 73 b. Jard., Brit.

*Falco exilis*, *Temm.* Pl. Col. 496.

*Accipiter rufiventris*, *Smith*, S. Af. Journ. i. p. 231 (syns. exc.). — *Gray*, List B. Brit. Mus. p. 35; Gen. B. fol. sp. 3. — *Bonap.* Consp. Av. p. 32.

*Astur perspicillaris*, Rüpp. Neue Wirbelth. p. 41. pl. 18. f. 2.

*Habitat*.—S. Africa. Caffraria.

180. **ACCIPITER APPROXIMANS**, (Vigors) 1826.—Mus. Strickland, Nos. 74 *a*. 74 *b*. 74 *c*. Linn. Soc.

*Falco camus*, Lath. New S. Wales, Dr. ii. no. 7.

*F. nesus* ♂, Lath. Ind. Orn. Supp. p. 11; Syn. Supp. ii. p. 51; Gen. Hist. i. p. 223.

*F. radiatus*, Temm. Pl. Col. 123 (juv.).

*Sparvius cirrocephalus*, Vieill. Nouv. Dict. Hist. Nat. x. p. 328; Enc. Méth. iii. p. 1268.

*Astur approximans*, Vig. Linn. Trans. xv. p. 181. — Gould, Synop. B. Aust. pt. 3. pl. 42. f. 1; B. Aust. i. pl. 17; Intr. p. 21.—Sturt, Exp. Aust. App. p. 15.

*A. fasciatus*, Vig. Linn. Trans. xv. p. 181.

*A. radiatus*, Vig. Linn. Trans. xv. p. 181; Isis, 1830, p. 259.

*A. cruentus*, Gould, Proc. Zool. Soc. pt. 10. p. 113; Ann. Nat. Hist. xi. p. 528; B. Aust. i. pl. 18.

*Nisus radiatus*, Less. Man. Orn. i. p. 97.

*Accipiter approximans*, Strickl. Ann. Nat. Hist. xi. p. 335.—Gray, Gen. B. fol. sp. 13.—Bonap. Consp. Av. p. 33.

*A. cruentus*, Gray, Gen. B. fol. sp. 12.

Dark Sparrow Hawk, Lath. Gen. Hist. i. p. 223.

*Habitat*.—Australia. New S. Wales, W. Australia, Port Essington. Van Diemen's Land.

181. **ACCIPITER MELANOPS**, (Latham) 1801.—Mus. Strickland, Nos. 75 *a*. 75 *b*. Jard., Brit., Linn. Soc., Paris, Leyden.

*Falco striatus*, Lath. New S. Wales, Dr. ii. no. 1.

*F. melanops*, Lath. Ind. Orn. Supp. p. 12; Syn. Supp. ii. p. 52. sp. 60; Gen. Hist. i. p. 217.

*F. torquatus*, Temm. Pl. Col. 43, 93.

*Accipiter torquatus*, Vig. Zool. Journ. i. p. 338; Linn. Trans. xv. p. 182; Isis, 1828, p. 259.—Steph. Zool. xiii. pl. 33.—Gould, Synop. B. Aust. pt. 3. pl. 43. f. 2; B. Aust. i. pl. 19; Intr. p. 21.—Strickl. Ann. Nat. Hist. xi. p. 338. — Bonap. Consp. Av. p. 33.

*A. cirrocephalus*, Gray, Gen. B. fol. sp. 11.



*Nisus torquatus*, *Lath.* Man. Orn. i. p. 97.

*N. australis*, *Less.* Tr. Orn. p. 61.

*Habitat.*—Timor. Australia. New S. Wales. Van Diemen's Land.

182. **ACCIPITER HIOGASTER**, (Müller) 1839.—Mus.

*Falco hiogaster*, *Müll.* Verh. Nat. Gesch. Ned. Bez. Landk. p. 110.—*Bonap.* Rev. Zool. 1850, p. 490.

*Accipiter hiogaster*, *Bonap.* Consp. Av. p. 33.

*Epervier oceanien*, *Hombr. & Jacq.* Voy. Pole Sud, Zool. p. 48. pl. 2. f. 1.

*Habitat.*—Malasia. Moluccas.

183. **ACCIPITER GABAR**, Daudin, 1800. — Mus. Strickland, Nos. 76 a. 76 b. Jard.

*Falco gabar*, *Daud.* Tr. Orn. ii. p. 87.—*Lath.* Ind. Orn. Supp. p. 10 ; Syn. Supp. ii. p. 47 ; Gen. Hist. i. p. 212.—*Temm.* Pl. Col. 122, 140. — *Shaw*, Zool. vii. p. 202. — *Licht.* Verz. Doubl. p. 61.

*Sparvius gabar*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 323 ; Enc. Méth. iii. p. 1264.

*S. leucorhous*, *Vieill.* Enc. Méth. iii. p. 1269.

*Nisus gabar*, *Cuv.* Règ. An. ed. 1. i. p. 321 ; ed. 2. i. p. 333.—*Less.* Man. Orn. i. p. 97 ; Tr. Orn. p. 60.

*Accipiter gabar*, *Vig.* Zool. Journ. i. p. 338.—*Steph.* Zool. xiii. pt. 2. p. 34. — *Smith*, S. Af. Journ. p. 225 ; S. Af. Zool. (sub *A. polyzonoides*).—*Gray*, Gen. B. fol. sp. 16 ; List B. Brit. Mus. p. 38.—*Strickl. & Sclat.* Cont. Orn. 1852, p. 142.

*A. erythrorhynchus*, *Swains.* Classif. B. ii. p. 215 ; B. W. Af. i. p. 121.

*A. sphenurus*, juv., *Strickl.* Proc. Zool. Soc. 1850, p. 215.

*Micronisus gabar*, *Gray*, Gen. B. p. 5 ; ed. 2. p. 6. — *Kaup*, Class. Säug. u. Vög. p. 119 ; Monog. Falc. Cont. Orn. 1850, p. 66.—*Bonap.* Consp. Av. p. 33.

*Melierax gabar*, *Hartl.* Abh. Geb. Naturwiss. 1852, p. 15.

*Le Gabar*, *Levaill.* Ois. Af. pl. 33. — *Rislach*, in Thunb. Diss. Ac. iii. p. 272.

*Habitat.*—S. Africa (*Levaill.*). W. Africa (*Swains.*). Malta. Kordofan (*Petherick*).

183 a. **ACCIPITER NIGER**, (Vieillot) 1823. — Mus. Strickland, No. 77. Jard., Brit.

*Sparvius niger*, *Vieill.* Enc. Méth. pt. 3. p. 1269 ; Gal. Ois. pl. 22.

*Nisus niger*, *Cuv.* Règ. An. ed. 2. i. p. 334. — *Less.* Tr. Orn. p. 59. — *Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 394.

*N. banksii*, Mus. Paris.

*Accipiter niger*, *Gould*, Synop. B. Aust. pt. 3. pl. 43. f. 1. — *Gray*, List B. Brit. Mus. 1844, p. 37.

*A. gabar*, *Gray*, Gen. B. fol. sp. 16 ; B. Brit. Mus. 1848, p. 76.

*Falco carbonarius*, *Licht.* Verz. Samml. Säug. u. Vög. Kaffernl. p. 11. — *Strickl.* Proc. Zool. Soc. 1850, p. 215. — *Gray*, Gen. B. fol. sp. 20.

*Micronisus niger*, *Bonap.* Consp. Av. p. 33.

*Sooty Falcon*, *Lath.* Gen. Hist. i. p. 258.

*Habitat.*—Africa. Senegal (*Vieillot*) ? Kordofan (*Petherick*). Central Africa (*Leyland*).

184. **ACCIPITER MINULLUS**, (Daudin) 1800. — Mus. Strickland, No. 78. Brit.

*Falco minullus*, *Daud.* Tr. Orn. ii. p. 88. — *Lath.* Ind. Orn. Supp. p. 10 ; Syn. Supp. ii. p. 48 ; Gen. Hist. i. p. 213. — *Shaw*, Zool. vii. p. 205.

*Nisus minullus*, *Cuv.* Règ. An. ed. 1. i. p. 321 ; ed. 2. i. p. 333. — *Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 393.

*Sparvius minullus*, *Vieill.* Nouv. Diet. Hist. Nat. x. p. 326 ; Enc. Méth. iii. p. 1266.

*Accipiter minullus*, *Fig.* Zool. Journ. i. p. 338. — *Steph.* Zool. xiii. pt. 2. p. 34. — *Smith*, S. Af. Journ. p. 226. — *Gray*, Gen. B. fol. sp. 9 ; List B. Brit. Mus. p. 73. — *Bonap.* Consp. Av. p. 32.

*Hieraspizia minulla*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 63.

*Minulle*, *Levaill.* Ois. Af. pl. 34.

*Habitat.*—S. Africa. Cape of Good Hope.

185. **ACCIPITER SPHENURUS**, (Rüppell) 1835. — Mus. Brit.

*Nisus sphenurus*, *Rüpp.* Neue Wirbelth. p. 42 ; Syst. übers. pp. 6, 11. pl. 2. — *Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 394.

*Accipiter polyzonoides*, *Smith*, S. Af. Zool. pl. 11 ♀.

*A. sphenurus*, *Gray*, Gen. B. fol. sp. 15 (syn. exc.). — *Bonap.* Consp. Av. p. 32 (syn. exc.).

*Micronisus rüppelli*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 65.

*Habitat*.—S. Africa. Abyssinia.

185 *a.* **ACCIPITER BRACHYDACTYLUS**, Swainson, 1837.—Mus. Brit.

*Accipiter brachydactylus*, *Swains.* Classif. B. ii. p. 215; B. W. Af. i. p. 118.

*Melierax sphenurus*, *Hartl.* Abh. Geb. Naturwiss. 1852, p. 15.

*Habitat*.—W. Africa.

186. **ACCIPITER TACHIRO**, (Daudin) 1800.—Mus. Strickland, Nos. 79 *a.* 79 *b.* Jard., Brit.

*Falco tachiro*, *Daud.* Tr. Orn. ii. p. 90.—*Temm.* Pl. Col. 377, 420. — *Lath.* Ind. Orn. Supp. p. 11; Syn. Supp. ii. p. 51; Gen. Hist. i. p. 211.—*Shaw*, Zool. vii. p. 201.

*Buteo tachiro*, *Vig.* Zool. Journ. i. p. 340.—*Steph.* Zool. xiii. pt. 2. p. 46.—*Cuv.* Règ. An. ed. 2. i. p. 337.

*Nisus tachiro*, *Less.* Man. Orn. i. p. 98.—*Cuv.* Règ. An. ed. 2. i. p. 334.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 64.

*N. polyzonus*, *Less.* Tr. Orn. p. 58.—*Pucher.* Rev. Zool. 1850, p. 209.

*Astur unduliventris*, *Rüpp.* Neue Wirbelth. p. 40. pl. 18. f. 1; Syst. übers. p. 12.

*Accipiter polyzonus*, *Smith*, S. Af. Zool. (sub *A. polyzonoides*). —*Des Murs*, Iconog. Orn. pl. 61.—*Gray*, List B. Brit. Mus. 1844, p. 37.

*A. tachiro*, *Gray*, List B. Brit. Mus. 1844, p. 36; 1848, p. 71; Gen. B. fol. sp. 2.—*Bonap.* Consp. Av. p. 32.

*Tachiro*, *Levaill.* Ois. Af. pl. 24.

*Habitat*.—Cape of Good Hope. Abyssinia.

187. **ACCIPITER MADAGASCARIENSIS**, Smith, Verreaux, 1830. —Mus. Brit.

*Accipiter madagascariensis*, *Smith*, *Verreaux*, S. Af. Journ. p. 80.—*Gray*, List B. Brit. Mus. p. 72; Gen. B. fol. sp. 7.—

*Bonap.* Consp. Av. p. 32.—*Hartl.* Ann. Nat. Hist. 2nd ser. ii. p. 386.

*Habitat.*—Madagascar.

188. **ACCIPITER FRANCESI**, Smith, 18—.—Mus. Brit.

*Accipiter francesi*, *Smith*, MS. S. Af. Mus.—*Hartl.* Ann. Nat. Hist. 2nd ser. ii. p. 386.

*Nisus francesi*, *Isis*, 1847, p. 173. — *Gray*, List B. Brit. Mus. p. 75 ; Gen. B. fol. sp. 19.

*Micronisus francesi*, *Bonap.* Consp. Av. p. 33.

*Tachyspizia francessi*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 63.

*Habitat.*—Madagascar.

189. **ACCIPITER SUPERCILIOSUS**, (Linnæus) 1766. — Mus. Brit., Jard.

*Falco superciliosus*, *Linn.* Syst. Nat. p. 128.—*Gmel.* Syst. Nat. p. 282.—*Lath.* Ind. Orn. i. p. 45 ; Syn. i. p. 102 ; Gen. Hist. i. p. 294.

*F. tinus*, *Lath.* Ind. Orn. p. 50 ; Syn. Supp. i. p. 39 ; Gen. Hist. i. p. 295. — *Daud.* Tr. Orn. ii. p. 146. — *Shaw*, Zool. vii. p. 209.

*Sparvius subniger*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 319 ; Enc. Méth. iii. p. 1263.—*Pucher.* Rev. Zool. 1850, p. 92.

*S. minutus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 328 ; Enc. Méth. iii. p. 1267.—*Pucher.* Rev. Zool. 1850, p. 93.

*Nisus malfini* (adult), *Less.* Tr. Orn. p. 58.—*Pucher.* Rev. Zool. 1850, p. 209.

*Accipiter tinus*, *Gray*, List B. Brit. Mus. p. 72 ; Gen. B. fol. sp. 8. pl. 10.—*Bonap.* Consp. Av. p. 32.

*Hiëraspizia tinus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 63.

*Habitat.*—S. America. Cayenne.

190. **ACCIPITER TRINOTATUS**, Bonaparte, 1850.—Mus. Leyden.

*Accipiter trinotatus*, *Bonap.* Rev. Zool. 1850, p. 490 ; Consp. Av. p. 33.

*Astur trinotatus*, *Temm.* Mus. Leyden.

*Habitat.*—Celebes.

191. **ACCIPITER ERYTHRONEMIUS**, Gray, 1847.—Mus. Brit.  
*Accipiter erythronemia*, Gray, List B. Brit. Mus. p. 70. —  
*Bonap.* Consp. Av. p. 32.  
*Nisus erythronemius*, Kaup, Monog. Falc. Cont. Orn. 1850,  
 p. 64.  
*Habitat.*—S. America. Chili, Brazil (B.M.).
192. **ACCIPITER SUPERCILIARIS**, (Vieillot) 1817.—Mus.  
*Sparvius superciliaris*, Vieill. Nouv. Dict. Hist. Nat. x. p. 329;  
 Enc. Méth. iii. p. 1268.—*Hartl.* Syst. Ind. Azar. p. 2.  
*Pardo ceja blanca*, Azar. Pax. Par. i. p. 116. no. 25.  
*Habitat.*—Paraguay (*Azara*).
193. **ACCIPITER TOUSSENELII**, (J. & E. Verreaux) 1855. —  
 Mus. Verreaux.  
*Nisus toussenelii*, J. & E. Verr. Ois. Nouv. Gab. Cab. Journ.  
 Orn. iii. p. 101.  
*Habitat.*—W. Africa. Gaboon.

Genus **ASTUR**, Lacépède. 1801.

194. **ASTUR PALUMBARIUS**, (Linnæus) 1766. — Mus. Strick-  
 land, No. 80. Jard., Brit.  
*Accipiter palumbarius*, Alb. B. ii. pl. 8.—*Macgill.* Rapt. B. Brit.  
 p. 233.—*Watt.* B. Irel. p. 8.—*Jenyns*, Brit. Man. p. 85.  
*A. astur*, Briss. Orn. i. p. 317.—*Pall.* Zoog. Ross. As. i. p. 367.  
*A. falco gentilis*, Briss. Orn. i. p. 339.  
*A. circus major*, Briss. Orn. i. p. 398.  
*A. circus varius*, Briss. Orn. i. p. 400.  
*A. stellarius*, Frisch, Vög. Deutschl. pl. 73.  
*Falco gentilis*, Linn. Syst. Nat. p. 126.—*Lath.* Ind. Orn. p. 29;  
 Syn. i. p. 64; Supp. p. 17; Gen. Hist. i. p. 111.—*Daud.* Tr.  
 Orn. ii. p. 102. — *Shaw*, Zool. vii. p. 122. — *Bew.* Brit. B.  
 ed. 2. i. p. 31.  
*F. palumbarius*, Linn. Syst. Nat. p. 130. — *Gmel.* Syst. Nat.  
 p. 269.—*Lath.* Ind. Orn. p. 29; Syn. i. p. 58; Supp. i. p. 16;  
 Supp. ii. p. 37; Gen. Hist. i. p. 106. — *Daud.* Tr. Orn. i.

- p. 90. pls. 1, 2 (anat.) ; ii. p. 71.—*Shaw*, Zool. vii. pl. 20.—*J. Wils.* Mem. Wern. Soc. ii. p. 591.—*Temm.* Man. Orn. pt. 1. p. 55, pt. 3. p. 27 ; Tab. Méth. p. 4. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 49 ; Vög. Liv. u. Esthl. p. 16 ; Vög. Deutschl. pt. 3.—*Fox*, Synop. Newcastle Mus. p. 51.—*Borkh.* Teutsche Orn. pls. 32 ♂, 33 ♀.—*Savi*, Cat. Ucc. p. 11. no. 9. —*Naum.* Nat. Vög. Deutschl. iv. p. 143. pls. 26, 27 ; ed. nov. i. p. 249. pls. 17, 18.—*Bechst.* Taschenb. Deutschl. i. p. 28 ; Naturg. Deutschl. ii. p. 268. —*Wern.* Atl. Ois. Eur. — *Bew.* Brit. B. ed. 1. i. p. 23 ; ed. 2. i. p. 28.—*Yarr.* Brit. B. i. p. 57. —*Penn.* Brit. Zool. i. p. 225. — *Mont*, Orn. Dict. & Supp. Haw. — *Mud.* Brit. B. i. p. 95. — *Baik. & Hedd.* Hist. Nat. Orcad. p. 28.—*Dillw.* Faun. Swans. p. 4.—*Lubb.* Faun. Norf. p. 19.
- F. albescens*, *Bodd.* Tab. Pl. Enl.
- F. gallinarius*, *Gmel.* Syst. Nat. p. 266.—*Borkh.* Teutsche Orn. juv.
- F. nævius*, *Gmel.* Syst. Nat. p. 266.
- F. buteo* γ, *Lath.* Ind. Orn. p. 24 ; Syn. i. p. 49. sp. 29 ; Gen. Hist. i. p. 111.
- F. buteo* ♂, *Lath.* Ind. Orn. p. 24 ; Syn. i. p. 49 A.
- Milvus sive Astur*, *Frisch*, Vög. Deutschl. pls. 72, 81, 82.
- Dædalion palumbarius*, *Savig.* Desc. Egypt. pt. 1. p. 93.—*Less.* Tr. Orn. p. 65. — *Gray*, Gen. B. p. 4 ; ed. 2. p. 6. — *Rüpp.* Syst. übers. p. 11.
- Sparvius*, *Vieill.* Anal. Orn. p. 24.
- S. palumbarius*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 331 ; Faun. Franç. p. 38. pl. 18. f. 1, 2.—*Roux*, Orn. Prov. i. p. 65. pl. 15.
- Astur palumbarius*, *Cuv.* Règ. An. ed. 1. i. p. 320 ; ed. 2. i. p. 332.—*Steph.* Zool. xiii. pt. 2. p. 25.—*Gould*, Eur. B. pl. 17. — *Bonap.* Eur. & N. Am. B. p. 5 ; Cat. Ucc. Eur. p. 21. — *Swains.* Classif. B. ii. p. 215.—*Gray*, Gen. B. fol. sp. 1. pl. 10. f. 3. — *Baill.* Orn. Sav. i. p. 69. — *S.-Longch.* Faun. Belg. p. 52. — *Selby*, Ill. Brit. Orn. i. p. 29. pls. 12, 12\*. — *Mont.* Orn. Dict. ed. Rein. p. 221. — *Thomps.* B. Irel. i. p. 62. — *Paget*, Nat. Hist. Yarm. p. 3.—*Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 333 ; Cat. Mus. E.I.C. p. 41. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 66.
- A. gallinarum et palumbarius*, *Brehm*, Vög. Deutschl. pp. 83, 84 ; Isis, 1832, p. 746.
- Buteo palumbarius*, *Flem.* Brit. An. i. p. 54.
- L'Autour ordinaire, *Gérard.* Tab. Elem. Orn. i. p. 30.
- L'Autour, *Buff.* Pl. Enl. 418, 461.

*Astore, Savi*, Orn. Tosc. i. p. 55.

*Lanneret, Alb.* B. ii. pl. 7.

*Busard, Buff.* Pl. Enl. 423.

*Habitat.*—Europe. Asia. India, Nepal.

195. **ASTUR ATRICAPILLUS**, (Wilson) 1808.—Mus. Peale, Jard., Edinb.

*Falco atricapillus*, *Wils.* Am. Orn. pl. 52. f. 3.—*Bonap.* Nuov. Giorn. Pisa, xxv. pt. 2. p. 55.—*Wagl.* Isis, 1831, p. 517.—*Thomps.* Nat. Hist. Verm. p. 62.

*F. regalis*, *Temm.* Pl. Col. 495.

*F. palumbarius*, *Sabine*, Frankl. Exp. p. 670. — *Bonap.* Am. Lyc. N. York, ii. p. 28 ; Isis, 1832, p. 1137.—*Audub.* Edinb. Journ. Nat. Geogr. Sc. iii. p. 145 ; Am. B. pl. 141 ; Orn. Biog. ii. p. 241. — *Giraud*, B. Long Isld. p. 18. — *Peab.* B. Mass. iii. p. 77.

*Astur atricapillus*, *Bonap.* Oss. Cuv. Règ. An. p. 33 ; Eur. & N. Am. B. p. 5 ; Consp. Av. p. 31. — *Jard.* Ill. Orn. ser. 1. p. 121.—*Wils.* Am. Orn. ii. p. 284.—*Cass.* B. Calif. & Tex. p. 93 ; Proc. Ac. Sc. Philad. p. 279. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 66.—*De Kay*, Zool. N. York, ii. p. 19. pl. 2. f. 4 (adult), f. 5 (young male).—*Nutt.* Man. Orn. U. S. & Canad. p. 85.

*A. palumbarius*, *Richards.* Faun. Bor. Am. ii. pl. 26.—*James.* Wils. Am. Orn. i. p. 63. — *Audub.* Synop. B. Am. p. 18. — *Brew.* Wils. p. 685.—*Gray*, List B. Brit. Mus. p. 63.

*Hierofalco atricapillus*, *Cuv.* Règ. An. ed. 2. i. p. 323.

*Dædalion pictum*, *Less.* Tr. Orn. p. 67. — *Pucher.* Rev. Zool. 1850, p. 211.

*Gentil Falcon*, *Penn.* Arct. Zool. ii. p. 203.

*Habitat.*—N. parts of N. America to lat. 68° (res.).

196. **ASTUR NOVÆHOLLANDIÆ**, (Gmelin) 1789.—Mus. Strickland, Nos. 81 *a.* 81 *b.* Jard., Brit., Linn. Soc.

*Falco novæhollandiæ*, *Gmel.* Syst. Nat. p. 264. — *Lath.* Ind. Orn. p. 16 ; Gen. Hist. i. p. 217.—*Daud.* Tr. Orn. ii. p. 56.

*F. albus*, *White*, Voy. New S. Wales, pl. 35.—*Lath.* Gen. Hist. i. p. 97 B.—*Shaw*, Zool. vii. p. 92.

*F. clarus*, *Lath.* New S. Wales, Dr. ii. no. 5 ; Ind. Orn. Supp. p. 13 ; Syn. Supp. ii. p. 54. sp. 66. desc. 1 ; Gen. Hist. i. p. 226.—*Shaw*, Zool. vii. p. 184.



*F. clarus*, var., *Lath.* New S. Wales, Dr. iii. no. 3 ; Syn. Supp. ii. p. 54. sp. 66. desc. 2.

*F. leucaëtus*, *Forster*, Desc. An. p. 70 (fig. pict. G.) ; Ic. ined. 35.

*Sparvius niveus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 338 ; Enc. Méth. iii. p. 1270.

*S. cinereus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 338.

*Astur novæhollandiæ*, *Vig.* Zool. Journ. i. p. 338 ; Linn. Trans. xv. p. 179 ; Isis, 1830, p. 258.—*Less.* Man. Orn. i. p. 95.—*Steph.* Zool. xiii. pt. 2. p. 26.—*Cuv.* Règ. An. ed. 2. i. p. 332.—*Gould*, Synop. B. Aust. pt. 3. pl. 42. f. 2, 3 ; B. Aust. i. pls. 14, 15 ; Intr. p. 24. — *Gray*, List B. Brit. Mus. p. 65 ; Gen. B. fol. sp. 6.—*Bonap.* Consp. Av. p. 31.

*A. rayi*, *Vig.* Linn. Trans. xv. p. 180 ; (var.) Isis, 1830, p. 259.—*Bonap.* Consp. Av. p. 31.

*A. albus*, *Jard.* Ill. Orn. ser. 1. pl. 1. — *Swains.* Classif. B. ii. p. 215.

*Dædalion candidum*, *Less.* Tr. Orn. p. 66. pl. 12. f. 1.

*Leucospizia novæhollandiæ*, *Kaup*, Class. Saug. u. Vög. p. 119 ; Monog. Falc. Cont. Orn. 1850, p. 67.

*L. raii* (a), *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 67.

New Holland White Eagle, *Lath.* Syn. i. p. 40 ; Supp. i. p. 12.

Lacteous Eagle, *Lath.* Gen. Hist. i. p. 216.

*Habitat.*—Australia. New S. Wales (both white and grey). Van Diemen's Land (all white).

197. **ASTUR RADIATUS**, (Latham) 1801. — Mus. Strickland, No. 82.

*Falco radiatus*, *Lath.* New S. Wales, Dr. i. no. 38 ; Ind. Orn. Supp. p. 12 ; Syn. Supp. ii. p. 53. pl. 121 ; Gen. Hist. i. p. 222. pl. 11.—*Shaw*, Zool. vii. p. 177.

*Sparvius radiatus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 340 ; Enc. Méth. iii. p. 1272.

*Haliaëtus caleyi*, *Vig.* Linn. Trans. xv. p. 186 ; Isis, 1830, p. 261.—*Less.* Man. Orn. i. p. 86 ; Tr. Orn. p. 44.

*Astur radiatus*, *Gray*, Ann. Nat. Hist. xi. p. 189 ; Gen. B. fol. sp. 4.—*Gould*, B. Aust. i. pl. 16 ; Intr. p. 21.—*Bonap.* Consp. Av. p. 31.

*A. testaceus*, *Kaup*, Isis, 1817, p. 367 ; Monog. Falc. Cont. Orn. 1850, p. 66.

*Accipiter radiatus*, *Gould*, Ann. Nat. Hist. xi. p. 335.

*Habitat.*—Australia. New S. Wales.

198. **ASTUR MAGNIROSTRIS**, (Latham) 1790.—Mus. Strickland, Nos. 83 *a*. 83 *b*. 83 *c*. Jard., Brit., Munich.

*Falco magnirostris*, *Lath.* Ind. Orn. p. 46; Gen. Hist. i. p. 282. *Gmel.* Syst. Nat. p. 282.—*Daud.* Tr. Orn. ii. p. 84.—*Shaw*, Zool. vii. p. 190. — *Temm.* Pl. Col. 86; Tab. Méth. p. 5. — *Spix*, Av. Braz. i. p. 18.—*Max.* Beiträg. iii. p. 102.

*F. insectivorus*, *Spix*, Av. Braz. i. pl. 8 *a*.

*Astur magnirostris*, *Vig.* Zool. Journ. i. p. 338.—*Steph.* Zool. xiii. pt. 2. p. 29. — *Gray*, Gen. B. fol. sp. 11. — *D'Orbig.* Synop. Av. Mag. Zool. 1838; Voy. Am. Mérid. Ois. p. 91.

*Nisus magnirostris*, *Less.* Man. Orn. i. p. 96; Tr. Orn. p. 57.—*Cuv.* Règ. An. ed. 2. i. p. 333.—*Tschudi*, Av. Consp. Wieg. Arch. p. 265; Faun. Per. p. 104.

Eperviere gros bec de Cayenne, *Buff.* Pl. Enl. 464.

Great-billed Falcon, *Lath.* Syn. i. p. 103. sp. 89; Supp. i. p. 27.

*Habitat.*—Guiana. Brazil. Mexico (*Wagler*).

199. **ASTUR LEUCORRHUS**, (Quoy) 1824.—Mus.

*Falco leucorrhous*, *Quoy*, Voy. Uran. p. 91. pl. 13.

*Astur leucorrhous*, *Vig.* Zool. Journ. iii. p. 271. — *Cuv.* Règ. An. ed. 2. i. p. 332.—*Gray*, Gen. B. fol. sp. 10; List B. Brit. Mus. p. 66.

*Dædalion leucorrhous*, *Less.* Tr. Orn. p. 66.

*Nisus leucorrhous*, *D'Orbig.* Consp. Av. Wieg. Arch. 1844, p. 265.

*Asturina leucorrhous*, *Bonap.* Consp. Av. p. 30.

*A. leucorrhous*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 67.

*Habitat.*—S. America. Brazil.

200. **ASTUR LONGICAUDUS**, (Garnot) 1826.—Mus.

*Falco longicaudus*, *Garnot*, Voy. Coq. i. p. 588. pl. 10; Isis, 1833, p. 71.

*Dædalion longicaudus*, *Less.* Tr. Orn. p. 67.

*Astur longicaudus*, *Gray*, Gen. B. fol. sp. 12.

*Habitat.*—Malasia. New Guinea.

201. **ASTUR MELANOLEUCUS**, (Smith) 1830.—Mus. Strickland, No. 84. Brit.

*Accipiter melanoleucus*, *Smith*, S. Af. Quart. Journ. p. 229.

*Astur melanoleucus*, *Smith*, Ill. S. Af. Zool. pl. 18. — *Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 64.—*Bonap.* Rev. Zool. 1850, p. 489.

*A. smithi*, *Kaup*, Isis, 1847, p. 196 ; Monog. Falc. Cont. Orn. 1850, p. 66.

*Habitat*.—S. Africa.

202. **ASTUR MONACHUS**, (Vieillot) 1817.—Mus. Leyden (*Vieill.*).

*Sparvius monachus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 341 ; Enc. Méth. iii. p. 1272.

*Habitat*.—Brazil (*Vieillot*).

203. **ASTUR POLIOGASTER**, (Temminck) 1824.—Mus. Vienna.

*Falco poliogaster*, (*Natterer*) *Temm.* Pl. Col. 264, 295.

*Astur poliogaster*, *Fig.* Zool. Journ. i. p. 338. — *Steph.* Zool. xiii. pt. 2. p. 29.—*Less.* Man. Orn. i. p. 93.—*Cuv.* Règ. An. ed. 2. i. p. 332.—*Gray*, Gen. B. fol. sp. 9.

*Nisus poliogaster*, *Less.* Tr. Orn. p. 62.

*Asturina poliogaster*, *Bonap.* Consp. Av. p. 30.

*Habitat*.—Brazil.

204. **ASTUR MONOGRAMMICUS**, (Temminck) 1825. — Mus. Strickland, No. 85. Jard., Brit., Paris, Leyden.

*Falco monogrammicus*, *Temm.* Pl. Col. 314.

*Astur monogrammicus*, *Less.* Man. Orn. i. p. 93.—*Cuv.* Règ. An. ed. 2. i. p. 332.—*Swains.* Classif. B. ii. p. 215 ; B.W. Af. i. pl. 4.—*Cuv.* Règ. An. ed. 2. i. p. 332.

*Nisus monogrammicus*, *Less.* Tr. Orn. p. 57.

*Accipiter monogrammicus*, *Gray*, Gen. B. fol. sp. 17 ; List B. Brit. Mus. p. 76.

*Melierax monogrammicus*, *Hartl.* Verz. W. Af. Vög. p. 15.

*Micronisus monogrammicus*, *Bonap.* Consp. Av. p. 34.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 65.

Red-nosed Falcon, *Lath.* Gen. Hist. i. p. 201.

*Habitat*.—W. Africa. Senegal.

Genus **MICRASTUR**, *Gray*. 1841.

205. **MICRASTUR SEMITORQUATUS**, (Vieillot) 1817. — Mus. Strickland, No. 86. Brit., Vienna, Munich.

*Sparvius semitorquatus*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 322; Enc. Méth. iii. p. 1263.

*Falco brachypterus*, *Temm.* Pl. Col. 116, 141.

*F. leucomelas*, *Illig.* MS. Mus. Berol. — *Licht.* Verz. Doubl. p. 62.

*Astur brachypterus*, *Spix*, Av. Braz. i. p. 9. — *Fig.* Zool. Journ. i. p. 338. — *Steph.* Zool. xiii. pt. 2. p. 28.

*Nisus brachypterus*, *Less.* Man. Orn. i. p. 98; Tr. Orn. p. 62. — *Cuv.* Règ. An. ed. 2. i. p. 334.

*Brachypterus*, *Less.* Compl. Buff. vii. p. 113.

*Carnifex naso*, *Less.* L'Echo du Monde savant, année 9. p. 1081; Rev. Zool. 1842, p. 379.

*Accipiter brachypterus*, *Gray*, List Brit. Mus. p. 69.

*Micrastur brachypterus*, *Gray*, Gen. B. ed. 2. p. 6; fol. sp. 1. pl. 10. f. 1.

*Herpetotheres brachypterus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 71.

*Negriblanco*, *Azar.* Pax. Par. i. p. 124. no. 28.

*Faxado*, *Azar.* Pax. Par. i. p. 126. no. 29.

*Pied Sparrow Hawk*, *Lath.* Gen. Hist. i. p. 294.

*Habitat.*—S. America. Realejo, Bahia, Brazil, Guiana, Paraguay, Mexico.

206. **MICRASTUR RUFICOLLIS**, (Vieillot) 1817.—Mus. Strickland, No. 87. Paris, Brit., Munich, Leyden, Vienna, Berlin.

*Sparvius ruficollis*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 322; Enc. Méth. iii. p. 1263. — *Pucher.* Rev. Zool. 1850, p. 91.

*Falco xanthothorax*, *Spix*, Av. Braz. i. p. 19. — *Temm.* Pl. Col. 92.

*Astur xanthothorax*, *Fig.* Zool. Journ. i. p. 338. — *Steph.* Zool. xiii. pt. 2. p. 27.

*Nisus xanthothorax*, *Less.* Man. Orn. i. p. 96; Tr. Orn. p. 58. — *Cuv.* Règ. An. ed. 2. i. p. 334.

*Accipiter xanthothorax*, *Gray*, List B. Brit. Mus. p. 69.—*Cass.* Proc. Ac. Philad. 1848, p. 88.

*Micrastur xanthothorax*, *Gray*, Gen. B. fol. sp. 2. — *Bonap.* Consp. Av. p. 30.

*Herpetotheres xanthothorax*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 71.

*Habitat*.—S. America. Rio Janeiro (*ruficollis*). Brazil. Guiana (*xanthothorax*).

206 a. **MICRASTUR LEUCAUCHEN**, (Temminck) 1823.—Mus. Strickland, No. 88. Brit., Liverpool, Paris, Leyden, Vienna.

*Falco leucauchen*, *Temm.* Pl. Col. 36.—*Pucher.* Rev. Zool. 1852, p. 91.

*Astur leucauchen*, *Less.* Man. Orn. i. p. 92 ; Tr. Orn. p. 60.—*Cuv.* Règ. An. ed. 2. i. p. 332.

*Nisus leucauchen*, *Less.* Tr. Orn. p. 60.

*Accipiter leucauchen*, *Gray*, List B. Brit. Mus. p. 69.—*Cass.* Proc. Ac. Philad. p. 88.

*Micrastur leucauchen*, *Bonap.* Consp. Av. p. 30.

*Habitat*.—Brazil.

207. **MICRASTUR CONCENTRICUS**, (Illiger) 18—.—Mus. Strickland, No. 89. Paris.

*Falco concentricus*, *Illiger*, MS. Mus. Berol.

*Sparvius gilvicollis*, *Vieill.* Nouv. Diet. Hist. Nat. x. p. 323 ; Enc. Méth. iii. p. 1264.—*Pucher.* Rev. Zool. 1850, p. 91.

*Nisus concentricus*, *Less.* Tr. Orn. p. 60.

*Micrastur concentricus*, *Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 69.—*Bonap.* Consp. Av. p. 30.

*Herpetotheres concentricus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 71.

*Habitat*.—S. America. Cayenne.

208. **MICRASTUR GUERILLA**, (Cassin) 1848.—Mus.

*Micrastur guerilla*, *Cass.* Proc. Ac. Philad. 1848, p. 87.—*Gray*, Gen. B. fol. sp. 4.—*Bonap.* Consp. Av. p. 30.

*Habitat*.—Jalapa, Mexico.

Genus **ISCHNOSCELES**, *Strickland*. 1844.

209. **ISCHNOSCELES GRACILIS**, (Temminck) 1823. — Mus. Strickland, No. 90. Brit.

*Falco gracilis*, *Temm.* Pl. Col. 91.

*Astur gracilis*, *Vig.* Zool. Journ. i. p. 338. — *Steph.* Zool. xiii. pt. 2. p. 26. — *Gray*, List B. Brit. Mus. 1844, p. 33. — *La-fresn.* Rev. Zool. 1848, p. 242. — *Kaup*, Ueb. Falk. Mus. Senk. p. 249.

*Nisus gracilis*, *Less.* Man. Orn. i. p. 96 ; Tr. Orn. p. 63.

*Ischnosceles gracilis*, *Strickl.* Ann. Nat. Hist. xiii. p. 409.

*Geranospiza gracilis*, *Gray*, Gen. B. fol. sp. 1 ; List B. Brit. Mus. 1848, p. 68. — *Bonap.* Consp. Av. p. 30.

*Geranopus gracilis*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 65.

*Habitat.*—Brazil.

209 a. **ISCHNOSCELES CÆRULESCENS**, (Vieillot) 1817.—Mus. Brit., Paris (*Maximilian*).

*Accipiter americanus totus cinereus*, etc., *Rozier*, Intr. Obs. Phys. ii. p. 146. pl. 3.

*Sparvius cærulescens*, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 318 ; Enc. Méth. iii. p. 1262. — *Pucher.* Rev. Zool. 1850, p. 90.

*Falco hemidactylus*, *Temm.* Pl. Col. 3. — *Max.* Beiträg. iii. p. 97.

*F. wiedi braziliensis*, *Gray*, Griff. Cuv. p. 238 ?

*Astur hemidactylus*, *Vig.* Zool. Journ. i. p. 338. — *Steph.* Zool. xiii. pt. 2. p. 26. — *Kaup*, Ueb. Falk. Mus. Senk. p. 249.

*Nisus hemidactylus*, *Less.* Man. Orn. i. p. 96 ; Tr. Orn. p. 63. — *Cuv.* Règ. An. ed. 2. i. p. 333. — *D'Orbig.* Voy. Am. Mérid. p. 86.

*Ischnosceles hemidactylus*, *Gray*, Gen. B. fol. pl. 10. f. 6. — *Hartl.* Syst. Ind. Azar. p. 2.

*Geranospiza hemidactylus*, *Bonap.* Consp. Av. p. 30 (sub *I. gracilis*).

*Applomado*, *Azar.* Pax. Par. i. p. 101. no. 22.

*Columbine Falcon*, *Lath.* Gen. Hist. i. p. 217..

*Habitat.*—S. America (*Vieillot*). Brazil. I. of Puna.

209 b. **ISCHNOSCELES NIGER**, (Dubus) 1848.—Mus.

*Ischnosceles niger*, *Dubus*, Bull. Ac. Roy. Brux.; Esq. Orn. pl. 16.—*Lafresn.* Rev. Zool. 1848, p. 241.

*Geranospiza nigra*, *Gray*, Gen. B. fol. sp. 2. — *Bonap.* Consp. Av. p. 30.

*Habitat*.—S. America. Guatemala. Mexico.

Genus **POLIORNIS**, *Kaup*. 1844.

210. **POLIORNIS TEESA**, (Franklin) 1830. — Mus. Strickland, No. 91. Jard., Brit., Zool. Soc.

*Circus teesa*, *Frankl.* Proc. Comm. Zool. Soc. pt. 1. p. 115; Journ. As. Soc. Beng. i. p. 262.

*Astur hyder*, *Sykes*, Proc. Zool. Soc. pt. 2. p. 79; Journ. As. Soc. Beng. iii. p. 419.

*Buteo teesa*, *Jerd.* Madr. Journ. x. p. 76. — *Gray*, Hardw. Ill. Ind. Zool. pl. 30.

*Butastur teesa*, *Hodgs.* Journ. As. Soc. Beng. xii. p. 311.

*Poliornis teesa*, *Kaup*, Class. Saug. u. Vög. p. 122.—*Gray*, Gen. B. sp. 1. pl. 10. f. 2; List B. Brit. Mus. p. 69.—*Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 339; Cat. Mus. E.I.C. i. p. 40.—*Bonap.* Consp. Av. p. 18.

*Zuggun Falcon*, *Lath.* Gen. Hist. i. p. 190.

*Habitat*.—Asia. S. Bengal. Nepal.

211. **POLIORNIS INDICUS**, (Gmelin) 1789.—Mus. Brit., Paris, Leyden.

*Falco indicus*, *Gmel.* Syst. Nat. p. 264.

*F. poliogenys*, *Temm.* Pl. Col. 325.

*Buteo poliogenys*, *Less.* Man. Orn. i. p. 103; Tr. Orn. p. 78.—*Cur.* Règ. An. ed. 2. i. p. 337.—*Schleg.* Faun. Jap. Av. p. 20.

*Astur poliogenys*, *Gray*, List B. Brit. Mus. 1844, p. 34.

*Poliornis poliogenys*, *Gray*, Gen. B. fol. sp. 3. — *Kaup*, Class. Saug. u. Vög. p. 122.—*Bonap.* Consp. Av. p. 18.

*P. indicus*, *Gray*, List B. Brit. Mus. 1848, p. 68.

*Habitat*.—Island of Luzon. Japan (*Schlegel*).



212. **POLIORNIS LIVENTER**, (Temminck) 1826. — Mus. Brit., Paris, Leyden.

*Falco liventer*, *Temm.* Pl. Col. 438.

*Buteo pallidus*, *Less.* Tr. Orn. p. 82.

*B. liventer*, *Cuv.* Règ. An. ed. 2. i. p. 337.—*Schleg.* Faun. Jap. Av. p. 21.

*Astur liventer*, *Gray*, List B. Brit. Mus. 1844, p. 34.

*Poliornis liventer*, *Gray*, Gen. B. fol. sp. 2 ; List B. Brit. Mus. p. 67.—*Kaup*, Class. Saug. u. Vög. p. 122.—*Bonap.* Consp. Av. p. 18.

*Habitat.*—India. Java. Sumatra.

213. **POLIORNIS PYRRHOGENYS**, (Temminck) 1842. — Mus. Leyden.

*Buteo pyrrhogenys*, *Temm.* Schleg. Faun. Jap. Av. p. 21. pl. 7 B.

*Poliornis pyrrhogenys*, *Gray*, Gen. B. fol. sp. 4 ; List B. Brit. Mus. p. 68. — *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 339 (sub *Buteo pygmeus*).

*Astur barbatus*, *Eyton*, Ann. Nat. Hist. 1845, p. 227.

*Habitat.*—Japan.

### Genus **B A Z A**, *Hodgson.* 1836.

214. **BAZA LOPHOTES**, (Temminck) 1822.—Mus. Brit., E. Ind. Comp.

*Falco lophotes*, *Temm.* Pl. Col. 10.—*Less.* Man. Orn. i. p. 77.  
—*Cuv.* Règ. An. ed. 2. i. p. 322.

*F. hubæcola*, *Spry*, Brit. India, i. p. 62.

*F. lathamii*, *Tick.* Journ. As. Soc. Beng. ii. p. 569.

*Buteo cristatus*, *Vieill.* Enc. Méth. iii. p. 1221 (nec *Nouv. Diet.*).  
—*Pucher.* Rev. Zool. 1850, p. 84.

*Lepidogenys lathamii*, *Gray*, Griff. Cuv. i. p. 30.

*Lophotes indicus*, *Less.* Tr. Orn. p. 96. — *Geoff.* *Nouv. Ann.* Mus. Hist. Nat. i. p. 387.—*Lafresn.* Rev. Zool. 1846, p. 125.  
—*Swains.* Classif. B. i. p. 299 ; ii. p. 213.

*Hyptiopus lophotes*, *Gray*, Zool. Misc. p. 81. — *Blyth*, Ann. Nat. Hist. xii. p. 92 ; Journ. As. Soc. Beng. xii. p. 312.

*Hyptiopus*, *Hodgs.* Journ. As. Soc. Beng. x. p. 27.

*Baza syama*, *Hodgs.* Journ. As. Soc. Beng. v. p. 778.

*B. lophotes*, *Schleg.* & *Müll.* Verhand. Nat. Gesch. Ned. Bez. Av. p. 35.—*Gray*, Gen. B. p. 4 ; ed. 2. p. 5 ; fol. sp. 1. pl. 9. f. 6 ; List B. Brit. Mus. p. 40 ; Gen. & Subgen. Brit. Mus. p. 6. —*Blyth*, Consp. Av. ; Journ. As. Soc. Beng. n. s. xix. p. 325 ; Cat. Mus. E. I. C. i. p. 62.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 23.

*Ierax*, *Pears.* Journ. As. Soc. Beng. x. p. 630.

*Avicida lophotes*, *Bonap.* Consp. Av. p. 20.

*Pernis lophotes*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 77.

*Cohy Falcon*, *Lath.* Gen. Hist. i. p. 165. pl. 10.

*Habitat*.—India generally (*Blyth*). Bengal. Nepal. Malacca. Ceylon (*Kelaart*).

215. **BAZA SUBCRISTATA**, (*Gould*) 1837. — Mus. Strickland, No. 92. Brit.

*Lepidogenys subcristatus*, *Gould*, Proc. Zool. Soc. pt. 5. p. 140 ; Synop. B. Aust. pt. 3. pl. 44 ; B. Aust. i. pl. 25.

*Buteo cristatus*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 481. — *Pucher.* Rev. Zool. 1850, p. 84.

*Avicida subcristata*, *Lafresn.* Rev. Zool. 1846, p. 127.—*Bonap.* Consp. Av. p. 20.

*Baza subcristata*, *Gray*, List B. Brit. Mus. p. 41 ; Gen. B. fol. sp. 2.—*Gould.* Intr. B. Aust. p. 23.

*Pernis subcristatus*, *Kaup*, Isis, 1847 ; Monog. Falc. Cont. Orn. 1850, p. 77.

*Habitat*.—Australia. New S. Wales.

216. **BAZA MAGNIROSTRIS**, *Gray*, 1844.—Mus. Brit.

*Baza magnirostris*, *Gray*, List B. Brit. Mus. 1844, p. 19 ; 1848, p. 41.—*Bonap.* Consp. Av. p. 20.

*Pernis crassirostris*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 77.

*Habitat*.—Philippine Isles.

217. **BAZA REINWARDTI**, (*Müller*) 1839.—Mus.

*Lophotes reinwardti*, *Müll.* Verh. Nat. Gesch. Ned. Bez. Av. p. 35. pl. 5.

*Lophastur jerdoni*, *Blyth*, Journ. As. Soc. Beng. xi. p. 464 ; xv. p. 4.

- Avicida reinwardti*, *Lafresn.* Rev. Zool. 1846, p. 129.  
*A. sumatrensis*, *Lafresn.* Rev. Zool. 1848, p. 210.  
*Pernis jerdoni*, *Gray*, Gen. B. fol. sp. 3.  
*Baza reinwardti*, *Gray*, Gen. B. fol. sp. 3.  
*B. jerdoni*, *Gray*, Gen. B. fol. App. p. 2.  
*B. sumatrensis*, *Gray*, Gen. B. fol. App. p. 2.  
*Habitat*.—Malasia, Celebes, Borneo (*reinwardti*). India? (*jerdoni*). Malasia, Sumatra (*sumatrensis*).

Genus **AVICIDA**, *Swainson*. 1837.

218. **AVICIDA CUCULOIDES**, *Swainson*, 1837.—Mus.  
*Avicida cuculoides*, *Swains.* Classif. B. ii. p. 214 ; W. Af. B. i. pl. 1.—*Gray*, Gen. B. p. 4 ; ed. 2. p. 5 ; fol. sp. 1 ; List B. Brit. Mus. p. 40 ; Gen. & Subgen. Brit. Mus. p. 6.  
*A. verreauxi*, *Lafresn.* Rev. Zool. 1846, p. 130.—*Gray*, Gen. B. fol. pl. 9. f. 2.  
*A. buteoides*, *Lafresn.* Rev. Zool. 1846, p. 132.  
*Pernis cuculoides*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 77.  
*Habitat*.—Africa. West Africa. Port Natal.

Genus **CYMINDIS**, *Cuvier*. 1817.

219. **CYMINDIS CAYENNENSIS**, (*Gmelin*) 1789.—Mus. Strickland, No. 93. Brit., Munich.  
*Falco cayennensis*, *Gmel.* Syst. Nat. p. 264.—*Lath.* Ind. Orn. p. 28 ; Syn. i. p. 59 ; Gen. Hist. i. p. 269.—*Daud.* Tr. Orn. ii. p. 74. — *Shaw*, Zool. vii. p. 161. — *Temm.* Pl. Col. 270 ; Tab. Méth. p. 4.  
*F. palliatus*, *Max.* Beiträg. iii. p. 148.—*Temm.* Pl. Col. 204.  
*Cymindis cayennensis*, *Cuv.* Règ. An. ed. 1. i. p. 319 ; ed. 2. i. p. 331.—*Fig.* Zool. Journ. i. pp. 323, 337.—*Steph.* Zool. xiii. pt. 2. p. 23.—*Less.* Man. Orn. i. p. 91 ; Tr. Orn. p. 55. pl. 13. f. 2. — *Lafresn.* Mag. Zool. ser. 1. pl. 22. — *Gray*, Gen. B. p. 4 ; ed. 2. p. 6 ; fol. sp. 1 ; List B. Brit. Mus. p. 47 ; Gen. & Subgen. Brit. Mus. p. 6. — *Bonap.* Cons. Av. p. 20. —

*F. d. Hoev.* Handb. Dierk. p. 809. — *Kaup*, Class. Saug. u. Vög. p. 123.

*C. buteonides*, *Less.* Tr. Orn. p. 55.

*Asturina cyanopus*, *Vieill.* Enc. Méth. iii. p. 1261.

*Astur cayennensis*, *Spix*, Av. Braz. i. pl. 8 c.

*Buteo palliatus*, *Less.* Man. Orn. i. p. 103.

*B. cayennensis*, *Less.* Man. Orn. i. p. 103.

Le petit Autour de Cayenne, *Buff.* Pl. Enl. 473.

*Odontriorchis cayennensis*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 78.

*Habitat.*—Cayenne. Bahia. Brazil. Guiana.

220. **CYMINDIS WILSONI**, Cassin, 1847.—Mus. Philadelphia.

*Cymindis wilsoni*, *Cass.* Journ. Ac. Nat. Sc. Philad. n. ser. i. p. 21. pl. 7.—*Gray*, Gen. B. fol. App. p. 2.—*Bonap.* Consp. Av. p. 21.

*Habitat.*—Island of Cuba.

Genus **PERNIS**, *Cuvier*. 1817.

221. **PERNIS APIVORUS**, (Linnæus) 1766.—Mus. Jard., Brit.

*Accipiter buteo apivorus*, *Briss.* Orn. i. p. 410.

*A. lacertarius*, *Pall.* Zoog. Ross. As. i. p. 359.

*Falco*, No. 66, *Linn.* Faun. Suec. p. 22.

*F. apivorus*, *Brünn.* Orn. Bor. p. 5. — *Linn.* Syst. Nat. p. 130 ; Faun. Suec. ed. Retz. p. 62.—*Müll.* Prod. Zool. Dan. p. 10.—*Gmel.* Syst. Nat. p. 267. — *Lath.* Ind. Orn. p. 25 ; Syn. i. p. 52 ; Supp. i. p. 14 ; Supp. ii. p. 35 ; Gen. Hist. i. p. 76.—*Bew.* Brit. B. p. 17. — *Daud.* Tr. Orn. ii. p. 159. — *Borkh.* Teutsche Orn. pls. ♂ 80, ♀ 81, juv. 82, 83.—*Mont.* Orn. Dict. i. Supp. Hon. ; ed. Renn. p. 256.—*Shaw*, Zool. vii. p. 114.—*J. Wils.* Men. Wern. Soc. ii. p. 575. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 39 ; Vög. Liv. und Esthl. p. 12.—*Penn.* Brit. Zool. i. p. 234. — *Naum.* Nat. Vög. Deutschl. iv. p. 228. pl. 27. f. 45, 46 ; ed. nov. i. p. 367. pls. 35, 36.—*Temm.* Man. Orn. pt. 1. p. 67, pt. 3. p. 38 ; Tab. Méth. p. 3.—*Selby*, Ill. Brit. Orn. i. p. 22. pl. 8. — *Yarr.* Brit. B. i. p. 85. — *Lidd.* Trans. Nat. Hist. Soc. Northumb. i. p. 3.—*Fox*, Trans. Nat.

Hist. Soc. Northumb. ii. pp. 182, 273.—*Wern.* Atl. Ois. Eur.  
—*Benoit*, Orn. Sicil. p. 8.—*Schemb.* Cat. Orn. Malt. p. 11.—  
*Kaluz.* Orn. Siles. p. 32.—*Brandenb.* Faun. March. p. 268.

**F. dubius**, *Sparrm.* Mus. Carls. pl. 26.

**F. incertus**, *Lath.* Ind. Orn. p. 32.—*Daud.* Tr. Orn. ii. p. 103.

**F. gyrfalco** **A**, *Lath.* Syn. Supp. ii. p. 27.

**F. apivorus** **A**, *Lath.* Gen. Hist. i. p. 77.

**F. poliorhyncos**, *Bechst.* Taschenb. Deutschl. i. p. 19.

**Buteo apivorus**, *Willug.* Orn. p. 72. pl. 3.—*Ray*, Synop. Av. p. 16.  
—*White*, Hist. Scib. ed. 4to. p. 109; ed. Const. p. 133; ed.  
1853, p. 86.—*Dillw.* Faun. Swans. p. 4.—*Vieill.* Enc. Méth.  
iii. p. 1224; Faun. Franç. p. 20. pl. 9. f. 1. — *Roux*, Orn.  
Prov. i. p. 39. pls. 23, 24.—*Savi*, Orn. Tosc. i. p. 31.—*Michah.*  
Isis, 1830, p. 889.—*Jenyns*, Brit. Man. p. 88.—*Bailly*, Orn.  
Sav. i. p. 137.—*S.-Longch.* Faun. Belg. p. 55.

**Pernis apivorus**, *Cuv.* Règ. An. ed. 1. i. p. 322; ed. 2. i. p. 335.  
—*Steph.* Zool. xiii. pt. 2. p. 44. — *Flem.* Brit. An. p. 52. —  
*Selby*, Ill. Brit. Orn. i. p. 62.—*Jard.* Brit. B. i. p. 208. pl. 19.  
—*Macgill.* Rap. B. Brit. pp. 42, 255; Brit. B. iii. p. 252.—  
*Gould*, Eur. B. pl. 16.—*Bonap.* Eur. & N. Am. B. p. 3; Cat.  
Ucc. Eur. p. 20; Consp. Av. p. 20.—*Blyth*, Mag. Nat. Hist.  
ser. 2. i. p. 536.—*Swains.* Classif. B. ii. p. 211.—*Jard.* Ill.  
Orn. ser. 2. pl. 1.—*Keyserl. & Blas.* Wirbelth. Eur. p. 137.—  
*Math.* Faun. Orn. Sicil. p. 37.—*Temm. & Schleg.* Faun. Jap.  
Av. p. 24.—*Rüpp.* Syst. übers. p. 10.—*Hartl.* Verz. W. Af.  
Vög. p. 15. — *Kaup*, Class. Saug. u. Vög. p. 123; Monog.  
Falc. Cont. Orn. 1850, p. 78. — *Degl.* Orn. Eur. i. p. 58. —  
*Garn.* Nat. Hist. Staff. p. 271. — *Paget*, Nat. Hist. Yarm.  
p. 3.—*Thomps.* B. Irel. ii. p. 77.—*Gray*, Gen. B. p. 4; ed. 2.  
p. 5; fol. sp. 1. pl. 9. f. 3; App. p. 2; List B. Brit. Mus.  
p. 44; Gen. & Subgen. Brit. Mus. p. 6.—*Watt.* B. Irel. p. 17.  
—*V. d. Hoev.* Handb. Dierk. p. 808.

**P. communis**, *Less.* Tr. Orn. p. 75.

**P. vesparum et apium**, *Brehm*, Vög. Deutschl. p. 46; in Isis,  
1832, p. 738.

**Bondrée**, *Buff.* Pl. Enl. 420.—*Gérard.* Tab. Elem. Orn. i. p. 42.

**Honey Buzzard**, Alb. B. i. pl. 2.—*Bellam.* Nat. Hist. S. Devon,  
p. 30.

*Habitat.*—Europe. N. Africa. Tangiers, Cerigo. Asia. Arabia.  
Siberia. Japan.

222. **PERNIS CRISTATA**, Cuvier, 1817. — Mus. Strickland, No. 94. Jard., Brit., Paris, Leyden.

*Pernis cristata*, *Cuv.* Règ. An. ed. 1. i. p. 323. pl. 3. f. 4; ed. 2. i. p. 335. — *Less.* Tr. Orn. p. 76. pl. 15. f. 1. — *Jerd.* Madr. Journ. x. p. 73. — *Blyth*, Journ. As. Soc. Beng. xi. p. 881; xii. p. 307; xv. p. 4; n. s. xix. p. 325. — *Gray*, Gen. B. fol. sp. 2; List B. Brit. Mus. p. 43; Cat. Mus. E.I.C. p. 63. — *Bonap.* Consp. Av. p. 20. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 78.

*P. ptilorhynchus*, *Steph.* Zool. xiii. pt. 2. pl. 35. — *Less.* Man. Orn. i. p. 102. — *Müll.* Verh. Nat. Gesch. Ned. Bez. Av. p. 49. pl. 7.

*P. torquata*, *Less.* Tr. Orn. p. 76. — *Gray*, Gen. B. fol. sp. 4. — *Pucher.* Rev. Zool. 1850, p. 212. — *Des Murs*, Iconog. Orn. pl. 13.

*P. ruficollis*, *Less.* Tr. Orn. p. 77. — *Gray*, Gen. B. fol. sp. 5. — *Pucher.* Rev. Zool. 1850, p. 212. — *Des Murs*, Iconog. Orn. pl. 14.

*P. albigularis*, *Less.* Tr. Orn. p. 77. — *Gray*, Gen. B. fol. sp. 6. — *Pucher.* Rev. Zool. 1850, p. 212.

*P. maculosa*, *Less.* Bélang. Voy. p. 223.

*P. ellioti*, *James.* Trans. Wern. Soc. vii. p. 493. — *Elliot*, Madr. Journ. x. p. 74.

*P. bharatensis*, v. *apivorus*?, *Hodgs.* 723, 727; Zool. Misc. p. 81.

*Falco ptilorhynchus*, *Temm.* Pl. Col. 44.

*Buteo cristatus*, *Vieill.* Enc. Méth. p. 1225. — *Pucher.* Rev. Zool. 1850, p. 88.

*Habitat.*—S. Asia. India. Nepal. Java. Sumatra.

Genus **MILVUS**, Cuvier. 1799.

223. **MILVUS REGALIS**, (Brisson) 1760. — Mus. Strickland, No. 95. Brit.

*Milvus cauda forcipata*, *Willug.* Orn. p. 74.

*Milvus*, *Alb.* B. i. pl. 4. — *Cuv.* Leç. Anat. Comp. i. Tab. Ois.; Règ. An. ed. 2. i. p. 335. — *Siemss.* Handb. Land u. Wasservög. p. 16. — *Ray*, Synop. Av. p. 17.

**M. russicus**, *Daud.* Tr. Orn. ii. p. 148.

**M. castaneus**, *Daud.* Tr. Orn. ii. p. 148.

**M. ictinus**, *Savig.* Desc. Egypt. pt. 1. p. 88.—*Steph.* Zool. xiii. pt. 2. pl. 38. — *Fig.* Zool. Journ. i. p. 340. — *Jenyns*, Brit. Man. p. 86. — *Mont.* Orn. Dict. ed. Renn. p. 282. — *Dillw.* Faun. Swans. p. 4.—*Couch*, Faun. Cornw. p. 12.

**M. regalis**, *Roux*, Orn. Prov. i. pls. 26, 27. p. 44.—*Brehm*, Vög. Deutschl. p. 49.—*Less.* Tr. Orn. p. 70.—*Bonap.* Eur. & N. Am. B. p. 4; Cat. Ucc. Eur. p. 20; Consp. Av. p. 21; Rev. Crit. Orn. Eur. p. 128. — *Swains.* Classif. B. ii. p. 211. — *Vieill.* Faun. Franç. p. 14. pl. 7. f. 1; Enc. Méth. iii. p. 1202. — *Macgill.* Rap. B. Brit. p. 272; Brit. B. iii. p. 265.—*Jard.* Brit. B. i. p. 218.—*Thomps.* B. Irel. i. p. 70.—*Kaup*, Class. Saug. u. Vög. p. 114; Monog. Falc. Cont. Orn. 1850, p. 61. — *Mühle*, Orn. Griechl. p. 21. — *Degl.* Orn. Eur. i. p. 62. — *Keyserl. & Blas.* Wirbelth. Eur. p. 140.—*V. d. Hoev.* Handb. Dierk. p. 807.—*Gray*, Gen. B. p. 4; ed. 2. p. 5; fol. sp. 1. pl. 9. f. 8; List B. Brit. Mus. p. 42; Gen. & Subgen. Brit. Mus. p. 6.—*Bailly*, Orn. Sav. i. p. 115.—*S.-Longch.* Faun. Belg. p. 56.—*Temm. & Schleg.* Faun. Jap. p. 14.

**M. vulgaris**, *Selby*, Ill. Brit. Orn. ed. 2. i. p. 74. pl. 5.—*Flem.* Brit. An. p. 51. — *Knox*, Orn. Suss. (Rambl.) i. p. 184. — *Gould*, Eur. B. pl. 28. — *Garn.* Nat. Hist. Staff. p. 271. — *Paget*, Nat. Hist. Yarm. p. 3.

**Accipiter milvus regalis**, *Briss.* Orn. i. p. 414. pl. 33; Synop. Meth. 8vo. i. p. 118.

**A. korschun**, *Gmel.* Nov. Com. Petrop. xv. p. 444. pl. 11 a.

**Falco milvus**, *Linn.* Faun. Suec. p. 19; ed. Retz. p. 66; Syst. Nat. p. 126.—*Brünn.* Orn. Bor. p. 1.—*Müll.* Prod. Zool. Dan. p. 9.—*Gmel.* Syst. Nat. p. 261.—*Lath.* Ind. Orn. p. 20; Syn. i. p. 61; Supp. p. 17; Supp. ii. p. 30; Gen. Hist. i. p. 99.—*Daud.* Tr. Orn. ii. p. 147. — *Borkh.* Teutsche Orn. pt. 5. pls. 26 ♂, 27 ♀.—*Shaw*, Zool. vii. p. 103.—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 25; Vög. Deutschl. ii. pt. 20. — *Cuv.* Règ. An. ed. 1. i. p. 322; ed. 2. i. p. 335. — *Nilss.* Skand. Faun. pl. 40. — *Vieill.* Nouv. Dict. Hist. Nat. xx. p. 559. — *Penn.* Brit. Zool. ed. 8vo. 1812, i. p. 229. — *Bew.* Brit. B. ed. 1. p. 21. — *Selby*, Ill. Brit. Orn. ed. 1. pt. 1. p. 15. pl. 5. — *Farr.* Brit. B. i. p. 66. — *Mont.* Orn. Dict. i. Supp. Kit. — *Mud.* Brit. B. i. p. 107.—*Baik. & Hedd.* Hist. Nat. Orcad. p. 29. — *Temm.* Man. Orn. pt. 1. p. 59, pt. 3. p. 30; Tab. Méth. p. 4. — *Naum.* Nat. Vög. Deutschl. iv. p. 200. pl. 23. f. 18; ed. nov. i. p. 333. pl. 31. f. 1. — *Wern.* Atl. Ois. Eur. — *Benoit*, Orn. Sicil. p. 9.—*Malh.* Faun. Orn. Sicil. p. 34.—*Schemb.* Cat. Orn. Malt. p. 11. — *Brandenb.* Faun. March.



p. 27.—*Beseke*, Vöy. Kurl. p. 9. — *Kaluz*. Orn. Siles. p. 50.  
—*Bechst.* Taschenb. Deutschl. i. p. 13.—*Savi*, Cat. Ucc. Pis.  
p. 12. no. 11.

*F. milvus*  $\beta$ , *Gmel.* It. i. p. 147.

*F. milvus*  $\gamma$ , *Lath.* Ind. Orn. p. 20 ; Syn. i. p. 63. sp. 46 ; Gen.  
Hist. i. p. 101 B.

*F. milvus* A, *Lath.* Gen. Hist. i. p. 101.

*Milan Royal*, *Buff.* Pl. Enl. 422.—*Gérard*. Tab. Elem. Orn. i.  
p. 45.

*Nibbio reale*, *Savi*, Orn. Tosc. i. p. 35.

*Habitat.*—Europe. Ionian Isles.

224. **MILVUS MIGRANS**, (Boddaert) 1783. — Mus. Strickland,  
Nos. 96 a. 96 b. Jard., Brit.

*Accipiter milvus niger*, *Briss.* Orn. i. p. 413 ; Synop. Meth.  
8vo. i. p. 117.

*A. milvus*, *Pall.* Zoog. Ross. As. i. p. 356.

*Falco migrans*, *Bodd.* Tab. Pl. Enl. pl. 472.

*F. ater*, *Gmel.* Syst. Nat. p. 262.—*Lath.* Ind. Orn. p. 21 ; Syn.  
i. p. 62. sp. 44 ; Gen. Hist. i. p. 102.—*Shaw*, Zool. vii. p. 105.  
—*Temm.* Man. Orn. pt. 1. p. 60 ; pt. 3. p. 30.—*Naum.* Nat.  
Vög. Deutschl. iv. p. 202. pl. 24. f. 39 ; Nachtr. p. 399 ; ed.  
nov. i. p. 340. pl. 31. f. 2. — *Wern.* Atl. Ois. Eur. — *Benoit*,  
Orn. Sicil. p. 10. — *Malh.* Faun. Orn. Sicil. p. 35. — *Mühle*,  
Orn. Griechl. p. 21. — *Brandenb.* Faun. March. p. 271. —  
*Schemb.* Cat. Orn. Malt. p. 12.—*Kram.* Elench. Vög. et An.  
Aust. p. 326.—*Donnd.* Orn. Beiträg. i. p. 53.

*F. austriacus*, *Gmel.* Syst. Nat. p. 262.—*Lath.* Ind. Orn. p. 21 ;  
Syn. i. p. 62 ; Gen. Hist. i. p. 103 A. — *Shaw*, Zool. vii.  
p. 106.—*Kram.* Elench. Vög. et An. Aust. p. 327.—*Donnd.*  
Orn. Beiträg. i. p. 53.

*F. fusco-ater*, *Meyer*, Taschenb. deutsch. Vögelk. i. p. 27 ; viii.  
p. 11 ; Vög. Deutschl. ii. pt. 20.

*F. ater et fuscus*, *Brehm*, Vög. Deutschl. p. 53.

*Milvus austriacus*, *Daud.* Tr. Orn. ii. p. 149.

*M. ater*, *Daud.* Tr. Orn. ii. p. 149.—*Audouin*, Desc. Eryp. pt. 4.  
p. 261.—*Steph.* Zool. xiii. pt. 2. p. 50.—*Vig.* Zool. Journ. i.  
p. 340. — *Cuv.* Règ. An. ed. 2. i. p. 335. — *Gould*, Eur. B.  
pl. 29. — *Temm.* Tab. Méth. p. 4. — *Dicks.* Proc. Zool. Soc.  
pt. 7. p. 119.—*Strickl.* Ann. Nat. Hist. xiii. p. 204.—*Hutt.*

- Journ. As. Soc. Beng. xvi. p. 775. — *S.-Longch.* Faun. Belg. p. 56.—*Baill.* Orn. Sav. i. p. 121.
- M. ater et fuscus**, *Bechst.* Taschenb. Deutschl. i. p. 27.
- M. ætoliæ**, *Savig.* Desc. Egypt. pt. 1. p. 89. pl. 3. f. 1. — *Less.* Tr. Orn. p. 70.—*Vieill.* Enc. Méth. iii. p. 1203 ; Faun. Franç. p. 15. pl. 7. f. 2.—*Roux*, Orn. Prov. i. p. 47. pl. 28.—*Swains.* Classif. B. ii. p. 211.
- M. govinda**, *Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 81 ; Journ. As. Soc. Beng. iii. p. 420. — *M'Clell.* Proc. Zool. Soc. pt. 7. p. 155 ; Ann. Nat. Hist. vi. p. 373.—*Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 342.
- M. affinis**, *Gould*, Synop. B. Aust. pt. 3. pl. 45. f. 1 ; B. Aust. i. pl. 21 ; Proc. Zool. Soc. pt. 5. p. 140.—*Gray*, Gen. B. fol. sp. 4.—*Sturt*, Exp. Aust. i. p. 269 ; App. p. 15.
- M. niger**, *Bonap.* Eur. & N. Am. B. p. 4 ; Cat. Ucc. Eur. p. 20 ; Consp. Av. p. 21.—*Flem.* Brit. An. p. 52, note.—*Keyserl. & Blas.* Wirbelth. Eur. p. 31 ; Cat. Mus. E.I.C. p. 30.—*Degl.* Orn. Eur. p. 64.—*Gray*, Gen. B. fol. sp. 2 ; List B. Brit. Mus. p. 43.
- M. cheele**, *Jerd.* Madr. Journ. x. p. 71. — *Blyth*, Ann. Nat. Hist. xii. p. 92 ; xiii. p. 114 ; Journ. As. Soc. Beng. xii. p. 311. — *Gray*, Gen. B. fol. sp. 3 ; App. p. 2.
- M. melanotis**, *Temm.* Faun. Jap. p. 14. pls. 5 & 5 B. — *Gray*, Gen. B. fol. sp. 6 ; App. p. 2.
- Haliaëtus lineatus**, *Gray*, Ill. Ind. Zool. pl. 18.
- Le Milan noir**, *Buff.* Pl. Enl. 472 ; Ois. ed. Sonn. ii. p. 238.—*Gérard.* Tab. Elem. Orn. i. p. 48.
- Nibbio nero**, *Savi*, Orn. Tosc. i. p. 37.—*Leisl.* Nachtr. zu Bechst. Naturg. Deutsch. pt. 1. p. 90.
- Black-eyed Kite**, *Lath.* Gen. Hist. i. p. 186.
- Cheel Falcon**, *Lath.* Gen. Hist. i. p. 187.
- Black-shouldered Kite**, *Lath.* Gen. Hist. i. p. 230.
- Habitat.*—Europe. Germany, France, Switzerland, Spain, Italy, Greece. Asia. Armenia, India, Assam, Nepal, Candahar. (Japan, *Temm.*) Australia, N. & S.

225. **MILVUS FORSKAHLI**, (Gmelin) 1789. — Mus. Strickland, No. 97. Jard.

**Falco**, *Forsk.* Faun. Arab. p. 1.

**F. ægyptius**, *Gmel.* Syst. Nat. p. 261.—*Daud.* Tr. Orn. ii. p. 150.

**F. forskahli**, *Gmel. Syst. Nat.* p. 263.—*Lath. Ind. Orn.* p. 20 ; *Syn. Supp.* i. p. 34. sp. 108 ; *Gen. Hist.* i. p. 105. — *Shaw, Zool.* vii. p. 178.

**F. parasitus**, *Daud. Tr. Orn.* ii. p. 150.

**F. parasiticus**, *Lath. Ind. Orn. Supp.* p. 5 ; *Syn. Supp.* ii. p. 30 ; *Gen. Hist.* i. p. 104.

**Milvus parasiticus**, *Less. Tr. Orn.* p. 71. pl. 14. f. 1.—*Swains. Classif. B.* ii. p. 211.—*Kaup, Ueb. Falk. Mus. Senck.* p. 258 ; *Monog. Falc. Cont. Orn.* 1850, p. 60. — *Bonap. Consp. Av.* p. 21. — *Strickl. & Sclat. List B. Damar. Jard. Cont. Orn.* 1852, p. 142.

**M. ægyptius**, *Gray, Gen. B. fol. App.* p. 2 ; *List B. Brit. Mus.* p. 44.—*Hartl. Verz. W. Af. Vög.* p. 14.

**Parasite**, *Levaill. Ois. Af. i.* p. 88. pl. 22.

*Habitat.*—S. Africa. Damara (*Strickland & Sclater*). W. Africa. Old Calabar (*Jardine*).

226. **MILVUS PACIFICUS**, (Latham) 1801. — *Mus. Strickland*, No. 98.

**Falco pacificus**, *Lath. New S. Wales, Dr. ii. no. 6 ; Ind. Orn. Supp.* p. 13 ; *Syn. Supp.* ii. p. 54. sp. 64 ; *Gen. Hist.* i. p. 227. — *Shaw, Zool.* vii. p. 186.—*Strickl. Ann. Nat. Hist.* xi. p. 338.

**Milvus isurus**, *Gould, Proc. Zool. Soc.* pt. 5. p. 140 ; *Intr. B. Aust.* p. 22 ; *Synop. B. Aust.* pl. 45. f. 2 ; *B. Aust. i.* pl. 22. — *Gray, Gen. B. fol. sp. 5.*—*Bonap. Consp. Av.* p. 21.

*Habitat.*—Australia. New S. Wales, W. Australia.

Genus **MACHEIRHAMPHUS**, *Schlegel.* 18—.

227. **MACHEIRHAMPHUS ALCINUS**, *Schlegel*, 18—.—*Mus.*

**Macheirhamphus alcinus**, *Schleg.* — *Bonap. Rev. Zool.* 1850, p. 482 ; *Tab. Ois. Rev. Zool.* 1854, p. 534.—*Gray, List Gen. & Subgen. Brit. Mus.* p. 6.

*Habitat.*—Malasia. Malacca.

Genus **ROSTRHAMUS**, *Lesson*. 1831.

228. **ROSTRHAMUS SOCIABILIS**, (Vieillot) 1818.—Mus. Brit., Leyden, Berlin, Munich.

*Herpetotheres sociabilis*, *Vieill.* Nouv. Dict. Hist. Nat. xviii. p. 318 ; Enc. Méth. iii. p. 1248.

*Falco rostrhamus*, *Max.* Beiträg. iii. p. 182.

*F. hamatus*, *Temm.* Pl. Col. 61, 231.—*Illig.* Mus. Berol.

*Buteo hamatus*, *Vieill.* Enc. Méth. iii. p. 1223.

*Cymindis leucopygus*, *Spix*, Av. Braz. i. p. 7. pl. 2.

*C. hamatus*, *Fig.* Zool. Journ. i. p. 337.—*Steph.* Zool. xiii. pt. 2. p. 22. — *Cuv.* Règ. An. ed. 2. i. p. 331. — *Less.* Man. Orn. i. p. 91.—*Lafresn.* Mag. Zool. ser. 1. pl. 20.

*Rostrhamus niger*, *Less.* Tr. Orn. p. 56.

*R. sociabilis*, *D'Orbig.* Voy. Am. Mérid. ii. p. 73 ; Synop. Av. Mag. Zool. 1850 ; *R. Sagra*, Hist. Nat. Cuba, Av. p. 15. — *Gray*, List B. Brit. Mus. p. 47 ; Gen. & Subgen. Brit. Mus. p. 6.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 78.

*R. hamatus*, *Gray*, Gen. B. p. 4 ; ed. 2. p. 6. fol. sp. 1. pl. 9. f. 10. — *Hartl.* Syst. Ind. Azar. p. 2. — *Bonap.* Consp. Av. p. 21.—*Kaup*, Ueb. Falk. Mus. Senck. p. 262.—*Rich. Schomb.* Reis. Brit. Guian. p. 736.

*De Sociable*, *Azar.* Pax. Par. i. p. 84. no. 14.

*Habitat.*—S. America. Brazil, Amazons (*Spix*).

229. **ROSTRHAMUS UNCINATUS**, (Temminck) 182 . — Mus. Strickland, No. 99. Jard., Brit., Paris, Leyden.

*Falco uncinatus*, *Temm.* Pl. Col. 103, 104, 115. — *Illig.* Mus. Berl.

*F. vitticaudus*, *Max.* Beiträg. iii. p. 178.

*Cymindis uncinatus*, *Less.* Man. Orn. i. p. 91 ; Tr. Orn. p. 55. — *Fig.* Zool. Journ. i. p. 337.—*Steph.* Zool. xiii. pt. 2. p. 22. — *Cuv.* Règ. An. ed. 2. i. p. 331.—*Lafresn.* Mag. Zool. ser. 1. p. 21.—*Gray*, Gen. B. fol. sp. 2. pl. 9. f. 7 ; List B. Brit. Mus. p. 48.—*V. d. Hooev.* Handb. Dierk. p. 809.—*Kaup*, Class. Saug. u. Vög. p. 124.—*Bonap.* Consp. Av. p. 21.

*C. cuculoides*, *Swains.* Classif. B. i. p. 311 ; ii. p. 209.

**Regerhinus uncinatus**, *Kaup*, Ueb. Falk. Mus. Senck. p. 262 ; Monog. Falc. Cont. Orn. 1850, p. 77. — *Rich. Schomb.* Reis. Brit. Guian. p. 736.

*Habitat.*—S. America. Brazil, Guiana.

Genus **GAMPSONYX**, *Vigors*. 1825.

230. **GAMPSONYX SWAINSONII**, *Vigors*, 1825. — Mus. Strickland, Nos. 100 *a.* 100 *b.* Jard., Brit.

*Gampsonyx swainsonii*, *Vig.* Zool. Journ. ii. p. 69 ; *Isis*, 1850, p. 840. — *Steph.* Zool. xiii. pt. 2. p. 36. — *Less.* Man. Orn. i. p. 81.—*Swains.* Classif. B. i. p. 301 ; ii. p. 210.—*Gray*, Gen. B. p. 4 ; cd. 2. p. 5 ; fol. sp. 1. pl. 9. f. 4 ; List B. Brit. Mus. p. 46 ; Gen. & Subgen. Brit. Mus. p. 6.—*Bonap.* Consp. Av. p. 21.—*Rich. Schomb.* Reis. Brit. Guian. p. 735.

*Falco rufifrons*, *Max.* Beiträg. iii. p. 123.

*Elanus torquatus*, *Less.* Tr. Orn. p. 72. — *Pucher.* Rev. Zool. 1850, p. 14.

*E. swainsonii*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 59.

*Habitat.*—America. Guiana (*Rich. Schomb.*), Brazil. Trinidad.

Genus **ELANUS**, *Savigny*. 1809.

231. **ELANUS CÆRULEUS**, (*Desfontaines*) 1787. — Mus. Strickland, Nos. 101 *a.* 101 *b.* Jard., Brit., Linn. Soc., Zool. Soc., E. Ind. Comp.

*Falco cæruleus*, *Desfont.* Mém. Ac. Sc. 1787, p. 503. pl. 15.

*F. vociferus*, *Lath.* Ind. Orn. p. 46 ; Gen. Hist. i. p. 187. — *Daud.* Tr. Orn. ii. p. 160.

*F. melanopterus*, *Daud.* Tr. Orn. ii. p. 152. — *Lath.* Ind. Orn. Supp. p. 6 ; Syn. Supp. ii. p. 28 ; Gen. Hist. i. p. 188 A.—*Shaw*, Zool. vii. p. 177. — *Horsf.* Linn. Traus. xiii. p. 137 ; *Isis*, 1825, p. 1054.—*Bonap.* Ann. Lyc. N. York, ii. p. 435 ; *Isis*, 1832, p. 1138.—*Brehm*, Vög. Deutschl. p. 78. — *Temm.* Man. Orn. pt. 3. p. 33.—*Malh.* Faun. Orn. Sicil. p. 34.

*F. sonniniensis*, *Lath.* Ind. Orn. Supp. p. 12 ; Gen. Hist. i. p. 185. — *Shaw*, Zool. vii. p. 185.

*F. clamosus*, *Shaw*, Zool. vii. p. 200.

**Elanus cæsius**, *Savig.* Desc. Eryp. pt. 1. p. 98 ; pt. 4. p. 262. pl. 2. f. 2.—*Vieill.* Nouv. Dict. Hist. Nat. viii. p. 240.—*Less.* Tr. Orn. p. 72.

**E. melanopterus**, *Leach*, Zool. Misc. pl. 122.—*Vig.* Zool. Journ. i. p. 340 ; *Raffl.* Life, p. 650.—*Steph.* Zool. xiii. pt. 2. pl. 37.—*Brehm*, Vög. Deutschl. p. 78.—*Cuv.* Règ. An. ed. 2. i. p. 334.—*Less.* Man. Orn. i. p. 100.—*Gould*, Eur. B. pl. 31.—*Swains.* Classif. B. ii. p. 210.—*Hodgs.* Madr. Journ. vi. p. 75.—*Bonap.* Eur. & N. Am. B. p. 4 ; Cat. Ucc. Eur. p. 20 ; Consp. Av. p. 22.—*Jerd.* Madr. Journ. x. p. 71.—*Gray*, Gen. B. p. 4 ; ed. 2. p. 5 ; fol. sp. 1 ; List B. Brit. Mus. p. 45 ; Gen. & Subgen. Brit. Mus. p. 6.—*Rüpp.* Neue Wirbelth. p. 45 ; Syst. übers. p. 11.—*Mühle*, Orn. Griechl. p. 16.—*Kaup*, Ueb. Falk. Mus. Senck. p. 258 ; Monog. Falc. Cont. Orn. 1850, p. 59.—*Schemb.* Vocab. Synon. Class. p. 139.—*Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 326.—*Degl.* Orn. Eur. i. p. 68.—*Hartl.* Verz. W. Af. Vög. p. 15.—*Licht.* Verz. Doubl. p. 62 ; Cat. Mus. E. I. C. i. p. 28.—*V. d. Hoev.* Handb. Dierk. p. 808.—*S.-Longch.* Faun. Belg. p. 56.—*Ferr.* Rev. Zool. 1850, p. 174.—*Cranch*, (Tuckey) Exp. Congo, App. p. 407.

**E. minor**, *Bonap.* Consp. Av. p. 22.

**Elanoides cæsius**, *Vieill.* Enc. Méth. iii. p. 1206.

**La petite Buze criarde**, *Sonner.* Voy. Ind. ii. p. 184.

**Blac**, *Levaill.* Ois. Af. pls. 36, 37.

**Criard Falcon**, *Lath.* Syn. Supp. i. p. 38.

**Black-winged Falcon**, *Lath.* Syn. Supp. ii. p. 28.

**Sonnini's Falcon**, *Lath.* Syn. Supp. ii. p. 52.

**Cotta Falcon**, *Lath.* Gen. Hist. i. p. 185.

*Habitat.*—Europe (accidental). Africa. Tripoli, Egypt, Congo, Cape of Good Hope. Asia. Syria, Bengal, India, Java, Timor (*Temm.*).

232. **ELANUS LEUCURUS**, (*Vieillot*) 1818. — Mus. Strickland, No. 102. Brit., Paris.

**Milvus leucurus**, *Vieill.* Nouv. Dict. Hist. Nat. xx. p. 556 ; Enc. Méth. iii. p. 1205.

**M. dispar**, *Less.* Man. Orn. i. p. 99.

**Falco melanopterus**, *Bonap.* Journ. Ac. Philad. v. p. 28 ; Ann. Lye. N. York, ii. p. 31 ; Isis, 1832, p. 1137.

**F. dispar**, *Bonap.* Am. Orn. pl. 11. f. 1 ; Ann. Lye. N. York, ii. p. 435.—*Audub.* Am. B. pls. 351, 352 ; Orn. Biog. iv. p. 367.

—*Temm.* Pl. Col. 319 (juv.).—*James.* (Wils.) Am. Orn. iv. p. 13.

*Elanoides leucurus*, *Vieill.* Enc. Méth. iii. p. 1205.

*Elanus dispar*, *Cuv.* Règ. An. ed. 2. i. p. 334.—*Less.* Tr. Orn. p. 72. — *Jard.* (Wils.) Am. Orn. iii. p. 378. — *Bridg.* Proc. Zool. Soc. pt. 11. p. 109 ; Ann. Nat. Hist. xiii. p. 500.—*Audub.* Synop. B. Am. p. 13.—*Brew.* (Wils.) Synop. p. 685.—*Nutt.* Man. Orn. U.S. & Canad. p. 93.

*E. leucurus*, *Bonap.* Eur. & N. Am. B. p. 4 ; Consp. Av. p. 22. — *Gray*, Gen. B. fol. sp. 4 ; List B. Brit. Mus. p. 46.—*Rich. Schomb.* Reis. Brit. Guian. p. 735. — *Cass.* B. Calif. & Tex. p. 106.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 60.

*Faucon blanc*, *Azar.* ed. Sonn. iii. p. 96. sp. 36.

*Blanco*, *Azar.* Pax. Par. i. p. 165.

*Azara's Eagle*, *Lath.* Gen. Hist. i. p. 251.

*Habitat.*—S. parts of N. America. S. America. Paraguay, Brazil, Chili.

233. **ELANUS AXILLARIS**, (Latham) 1801. — Mus. Strickland, No. 103. *Jard.*, Brit.

*Falco axillaris*, *Lath.* New S. Wales, Draw. i. no. 39 ; Ind. Orn. Supp. p. 9 ; Syn. Supp. ii. p. 42 ; Gen. Hist. i. p. 224. — *Shaw*, Zool. vii. p. 173.

*Circus axillaris*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 453 ; Enc. Méth. iii. p. 1212.

*Elanus melanopterus*, *Vig.* Linn. Trans. xv. p. 185 ; Isis, 1828, p. 261.

*E. notatus*, *Gould*, B. Aust. i. pl. 23 ; Synop. B. Aust. pt. 4 ; Proc. Zool. Soc. pt. 5. p. 141 ; Intr. B. Aust. p. 22.

*E. axillaris*, *Gray*, Ann. Nat. Hist. xi. p. 189 ; Gen. B. fol. sp. 2. pl. 9. f. 5 ; List B. Brit. Mus. p. 45.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 60.

*Habitat.*—Australia. New S. Wales.

234. **ELANUS SCRIPTUS**, Gould, 1842.—Mus. Brit.

*Elanus scriptus*, *Gould*, Proc. Zool. Soc. pt. 10. p. 80 ; Ann. Nat. Hist. xi. p. 401 ; B. Aust. i. pl. 24 ; Intr. B. Aust. p. 22. — *Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 46.—*Sturt*, Exp. Aust. App. p. 15. — *Bonap.* Consp. Av. p. 22. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 60.

*Habitat.*—S. Australia.



Genus **ICTINIA**, Vieillot. 1816.

235. **ICTINIA PLUMBEA**, (Gmelin) 1789. — Mus. Strickland, No. 104. Jard., Peale, Brit., Munich.

*Falco plumbeus*, Gmel. Syst. Nat. p. 283. — *Lath.* Ind. Orn. p. 49; Syn. i. p. 106. sp. 92; Gen. Hist. i. p. 287. pl. 12. — *Daud.* Tr. Orn. ii. p. 131. — *Shaw*, Zool. vii. p. 196. — *Spix*, Av. Braz. i. pl. 8 b. — *Temm.* Pl. Col. 180. — *Licht.* Verz. Doubl. p. 61. — *Max.* Beiträg. iii. p. 126; Reis. Braz. i. pp. 104, 170.

*Milvus cenchris*, Vieill. Ois. Am. Sept. pl. 10 bis.

*Ictinia plumbea*, Vieill. Anal. Orn. p. 24; Nouv. Dict. Hist. Nat. xvi. p. 76; Enc. Méth. iii. p. 1208. — *Steph.* Zool. xiii. pt. 2. p. 41. — *Vig.* Zool. Journ. i. p. 339. — *Less.* Man. Orn. i. p. 100; Tr. Orn. p. 74. — *Swains.* Classif. B. i. p. 304; ii. p. 214. — *Rich. Schomb.* Reis. Brit. Guian. p. 735. — *D'Orbig.* Synop. Av. Mag. Zool. 1850; Voy. Am. Mérid. p. 101. — *Tschud.* Av. Consp. Wiegman. Arch. 1844, p. 265; Faun. Per. pp. 19, 112. — *Bonap.* Consp. Av. p. 22. — *Gray*, Gen. B. p. 4; ed. 2. p. 6; fol. sp. 1. pl. 9. f. 1; List B. Brit. Mus. p. 49; Gen. & Subgen. Brit. Mus. p. 6. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 57.

*Nertus plumbeus*, Boié, Isis, 1828, p. 314.

*Buteo cenchris*, Cuv. Règ. An. ed. 2. i. p. 337.

*Pœciloptyx plumbea*, Kaup, Ueb. Falk. Mus. Senck. p. 258.

*Azulezo*, Azar. Pax. Par. i. p. 167.

Spotted-tailed Hobby, *Lath.* Syn. i. p. 106. sp. 92.

*Habitat.*—S. America. Brazil, Rio Janeiro.

236. **ICTINIA MISSISSIPPIENSIS**, (Wilson) 1808.—Mus.

*Falco mississippiensis*, Wils. Am. Orn. pl. 25. f. 1. — *Lath.* Gen. Hist. i. p. 275. — *James.* (Wils.) Am. Orn. i. p. 72. — *Gray*, Gen. B. fol. sp. 2.

*F. ophiophagus*, Vieill. Nouv. Dict. Hist. Nat. xi. p. 103 (fem.).

*F. plumbeus*, Audub. Orn. Biog. ii. p. 108. pl. 117; v. p. 374.

*Ictinia ophiophaga*, Vieill. Gal. Ois. p. 44. pl. 17; Enc. Méth. iii. p. 1207. — *Less.* Tr. Orn. p. 74. — *Swains.* Classif. B. ii. p. 214.

**I. plumbea**, *Bonap.* Eur. & N. Am. B. p. 4; Ann. Lyc. N. York, ii. p. 30; *Isis*, 1832, p. 1137.—*Jard.* (Wils.) i. p. 368. pl. 25. f. 1. — *Brew.* (Wils.) Synop. p. 685. — *Audub.* Synop. B. Am. p. 14.—*Woodh.* (Sitg.) Exp. Zuni & Colorad. p. 61, syn. exc.—*Nutt.* Man. Orn. U. S. & Canad. p. 92.

**I. mississippiensis**, *Gray*, Gen. B. fol. sp. 2; List B. Brit. Mus. p. 48; Gen. & Subgen. Brit. Mus. p. 6. — *Cass.* B. Calif. & Tex. p. 106,—*Kaup*, Ueb. Falk. Mus. Senck. p. 258; Monog. Falc. Cont. Orn. 1850, p. 57.

**Nertus mississippiensis**, *Boié*, *Isis*, 1828, p. 314.

**Milvus mississippiensis**, *Cuv.* Règ. An. ed. 2. i. p. 335.

*Habitat.*—S. parts of N. America. United States, Mexico.

Genus **ELANOÏDES**, *Vieillot.* 1818.

237. **ELANOÏDES FURCATUS**, (Linnæus) 1766. — Mus. Peale, Edinb., Brit.

**Accipiter cauda furcata**, *Catesb.* Carol. i. pl. 4.

**A. milvus caroliniensis**, *Briss.* Orn. i. p. 418.

**Falco furcatus**, *Linn.* Syst. Nat. p. 129. — *Penn.* Aret. Zool. p. 210. no. 108. pl. 10.—*Gmel.* Syst. Nat. p. 262.—*Lath.* Ind. Orn. p. 22; Syn. i. p. 60; Supp. ii. p. 28; Gen. Hist. i. p. 273. — *Daud.* Tr. Orn. ii. p. 152. — *Shaw*, Nat. Misc. pl. 204; Zool. vii. p. 107. — *Wils.* Am. Orn. pl. 51. f. 3. — *Audub.* Am. B. pl. 72; Orn. Biog. i. p. 368; v. p. 371.—*Bonap.* Ann. Lyc. N. York, ii. p. 31; *Isis*, 1832, p. 1138.

**Milvus furcatus**, *Vieill.* Ois. Am. Sept. pl. 10.

**Elanoides**, *Vieill.* Nouv. Dict. Hist. Nat. xxiv. p. 101.

**E. yetapa**, *Vieill.* Enc. Méth. iii. p. 1205.

**E. furcatus**, *Gray*, List B. Brit. Mus. p. 44.

**Nauclerus furcatus**, *Fig.* Zool. Journ. ii. p. 387; *Isis*, 1830, p. 1043. — *Less.* Man. Orn. i. p. 101; Tr. Orn. p. 73. — *Swains.* Classif. B. i. p. 312; ii. p. 210. — *Bonap.* Eur. & N. Am. B. p. 4; Cat. Ucc. Eur. p. 20; Consp. Av. p. 21.—*Gould*, Eur. B. pl. 30.—*Audub.* Synop. Am. B. p. 14.—*Rich. Schomb.* Reis. Brit. Guian. p. 735.—*De Kay*, Zool. N. York, ii. p. 12. pl. 7. f. 15.—*Gray*, Gen. B. p. 4; ed. 2. p. 5; fol. sp. 1. pl. 9. f. 9; Gen. & Subgen. Brit. Mus. p. 6. — *Brew.* (Wils.) Synop. p. 685.—*Woodh.* (Sitg.) Exp. Zuni & Colorad. p. 60.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 57.

**Elanus furcatus**, *Vig.* Zool. Journ. i. p. 340.—*Steph.* Zool. xiii. pt. 2. p. 49.—*Cuv.* Règ. An. ed. 2. i. p. 334.—*James.* (Wils.) Am. Orn. i. p. 75. — *Jard.* (Wils.) Am. Orn. ii. p. 275. — *Jaub.* Orn. Eur. p. 29. — *Nutt.* Man. Orn. U. S. & Canad. p. 94.

**Cola-tixera**, *Azar.* Pax. Par. i. p. 169. no. 38.

*Habitat.*—Europe (accidental). S. parts of N. America. S. America. Brazil.

238. **ELANOÏDES RIOCOURI**, Vieillot, 1823. — Mus. Strickland, No. 105. Brit., Paris.

**Elanoïdes riocouri**, *Vieill.* Enc. Méth. iii. p. 1206 ; Gal. Ois. pl. 16. — *Gray*, List B. Brit. Mus. p. 44. — *Hartl.* Verz. W. Af. Vög. p. 14.

**Falco riocouri**, *Temm.* Pl. Col. 85.

**Elanus riocouri**, *Vig.* Zool. Journ. i. p. 340.—*Steph.* Zool. xiii. pt. 2. p. 49.—*Cuv.* Règ. An. ed. 2. i. p. 334.

**Naclerus riocouri**, *Vig.* Zool. Journ. ii. p. 386 ; Isis, 1830, p. 1043.—*Less.* Man. Orn. i. p. 101 ; Tr. Orn. p. 73.—*Gray*, Gen. B. fol. sp. 2.—*Bonap.* Consp. Av. p. 22.

**N. africanus**, *Swains.* Classif. B. ii. p. 210.

**Chelidopteryx riocourii**, *Kaup*, Ueb. Falk. Mus. Senek. p. 258 ; Monog. Falc. Cont. Orn. 1850, p. 57.

*Habitat.*—Senegal. Senegambia.

Genus **MELIËRAX**, *Gray.* 1840.

239. **MELIËRAX MUSICUS**, (Daudin) 1800.—Mus. Strickland, No. 106. Jard., Brit.

**Falco musicus**, *Daud.* Tr. Orn. ii. p. 116. — *Lath.* Ind. Orn. Supp. p. 9 ; Gen. Hist. i. p. 178.—*Shaw*, Zool. vii. p. 143.

**F. canorus**, *Rislach*, Thunb. Diss. Ac. iii. p. 264.

**Nisus musicus**, *Cuv.* Règ. An. ed. 1. i. p. 321 ; ed. 2. i. p. 333. — *Less.* Man. Orn. i. p. 96.

**N. canorus**, *Less.* Tr. Orn. p. 62.

**Sparvius musicus**, *Vieill.* Nouv. Dict. Hist. Nat. x. p. 339 ; Enc. Méth. iii. p. 1271.

*Ierax musicus*, *Cranch*, (Tuckey) Exp. Congo, App. p. 407.

*Accipiter musicus*, *Fig. Zool. Journ.* i. p. 338. — *Steph. Zool.* xiii. pt. 2. p. 34. — *Smith*, S. Af. Quart. Journ. i. p. 119.

*Astur musicus*, *Fig. Denh. Trav. Af. App.* p. 195; *Isis*, 1829, p. 1263. — *Swains. Classif. B.* ii. p. 215.

*Meliërax musicus*, *Gray*, Gen. B. p. 5; ed. 2. p. 6; fol. sp. 1. pl. 10. f. 5; List B. Brit. Mus. p. 77; Gen. & Subgen. Brit. Mus. p. 7. — *Kaup*, Ueb. Falk. Mus. Senck. p. 259; Monog. Falc. Cont. Orn. 1850, p. 66. — *Hartl. Verz. W. Af. Vög.* p. 14. — *Bonap. Consp. Av.* p. 34.

*Falcon chanteur*, *Levaill. Ois. Af.* pl. 27.

Chanting Falcon, *Lath. Syn. Supp.* ii. p. 40.

*Habitat.*—S. Africa. Cape of Good Hope, Caffraria. W. Africa. Congo, Gambia.

240. **MELIËRAX POLYZONUS**, Rüppell, 1835.—Mus. Strickland, No. 107. Jard., Brit.

*Nisus polyzonus*, *Rüpp. Neue Wirbelth.* p. 36. pl. 15.

*Astur polyzonus*, *Gray*, List B. Brit. Mus. 1844, p. 31.

*Meliërax polyzonus*, *Rüpp. Syst. übers.* p. 12. — *Strickl. Proc. Zool. Soc.* 1850, p. 215.

*M. musicus*, *Gray*, List B. Brit. Mus. 1848, p. 77.

*Habitat.*—N. Africa. Abyssinia, Nubia, Sennaar (*Rüpp.*).

Genus **POLYBOROIDES**, *Smith*. 1830.

241. **POLYBOROIDES RADIATUS**, (Scopoli) 1786.—Mus. Strickland, No. 108. Jard., Brit., Paris, Leyden.

*Vultur radiatus*, *Scop. Del. Faun. Ins.* pt. 2. p. 85.

*Falco madagascariensis*, *Daud. Tr. Orn.* ii. p. 75.—*Lath. Gen. Hist.* i. p. 161.—*Shaw*, Zool. vii. p. 169.

*F. gymnogenys*, *Temm. Pl. Col.* 307.

*Sparvius madagascariensis*, *Vieill. Nouv. Dict. Hist. Nat.* x. p. 339; Enc. Méth. iii. p. 1271.

*Polyboroides typicus*, *Smith*, S. Af. Quart. Journ. i. p. 107; Ill. S. Af. Zool. pp. 81, 82.—*Rüpp. Syst. übers.* p. 12.

*P. capensis*, *Smith*, S. Af. Journ.

*P. radiatus*, *Gray*, Gen. B. p. 5 ; ed. 2. p. 6 ; fol. sp. 1. pl. 11. f. 2 ; List B. Brit. Mus. p. 78 ; Gen. & Subgen. Brit. Mus. p. 8. — *Hartl.* Burmeister. Zeit. f. Zool. &c. 1848 ; Ann. Nat. Hist. 2 ser. ii. p. 383 ; Verz. W. Af. Vög. p. 14. — *Bonap.* Rev. Zool. 1850, p. 479 ; Consp. Av. p. 12.—*Strickl.* Proc. Zool. Soc. 1850, p. 216.

*Nisus gymnogenys*, *Cuv.* Règ. An. ed. 2. i. p. 334.

*Gymnogenys madagascariensis*, *Less.* Tr. Orn. p. 64.

*G. radiatus*, *Kaup*, Ueb. Falk. Mus. Senck. p. 260 ; Monog. Falc. Cont. Orn. 1850, p. 71.

L'Autour à ventre rayé de Madag., *Sonner.* Voy. Ind. pl. 103.

Morphné à joues nues, *Less.* Man. Orn. i. p. 90.

Madagascar Falcon, *Lath.* Syn. Supp. i. p. 32.

*Habitat.*—Madagascar. Cape of Good Hope. Kordofan. Gold Coast (*Smith*).

Genus **SAGITTARIUS**, *Vosmaer.* 1767.

242. **SAGITTARIUS SECRETARIUS**, (*Scopoli*) 1786. — Mus. Jard., Brit.

*Sagittarius*, *Vosm.* Monog. &c.

*Otis secretarius*, *Scop.* Del. Faun. Ins. pt. 2. p. 93.

*Falco serpentarius*, *Gmel.* Syst. Nat. p. 250.

*Vultur serpentarius*, *Lath.* Ind. Orn. p. 8 ; Syn. i. p. 20. pl. 2 ; Supp. i. p. 4 ; Supp. ii. p. 9 ; Gen. Hist. i. p. 38. pl. 7.

*V. secretarius*, *Shaw*, Cim. Phys. pl. 28.

*Secretarius reptilivorus*, *Daud.* Tr. Orn. ii. p. 80. pl. 11.

*Serpentarius*, *Cuv.* Règ. An. ed. 2. i. p. 338.

*S. africanus*, *Shaw*, Zool. vii. pl. 14.

*S. cristatus*, *Less.* Tr. Orn. p. 16. pl. 3. f. 2.

*S. reptilivorus*, *Gray*, Gen. B. p. 5 ; ed. 2. p. 6 ; fol. sp. 1. pl. 11. f. 3.—*Rüpp.* Syst. übers. p. 12.

*S. secretarius*, *Gray*, List B. Brit. Mus. p. 77 ; Gen. & Subgen. Brit. Mus. p. 8.

*Ophiotheres*, *Vieill.* Anal. Orn. p. 59.

*O. cristatus*, *Vieill.* Gal. Ois. pl. 260 ; Enc. Méth. iii. p. 1187.

*Gypogeranus serpentarius*, *Illig.* Prod. Mam. et Av. p. 234.—*Swains.* Classif. B. ii. p. 208. — *Temm.* Tab. Méth. p. 2. — *Rüpp.* Neue Wirbelth. p. 43. — *Bonap.* Consp. Av. p. 12. — *Hartl.* Verz. W. Af. Vög. p. 15.

*G. reptilivorus*, *Ranz.* Elem. Zool. iii. p. 50.

*G. africanus*, *Steph.* Zool. xiii. pt. 2. p. 4.

*G. capensis*, *Ogilby*, Proc. Zool. Soc. pt. 3. p. 104.

*G. philippensis*, *Ogilby*, Proc. Zool. Soc. pt. 3. p. 105.

*G. gambiensis*, *Ogilby*, Proc. Zool. Soc. pt. 3. p. 105.

Messenger du Cap de B. E., *Buff.* Pl. Enl. 721.

Mangeur de Serpens, *Leraill.* Ois. Af. pl. 25.

Le Secrétaire, *Sonner.* Voy. Nouv. Guin. pl. 50 (inacc.).

Bird from the East Indies, *Edw.* Phil. Trans. lxi. p. 55. pl. 2.

*Habitat.*—Africa. Gambia, Cape of Good Hope, Abyssinia.

### Genus **CIRCUS**, *Lacépède*. 1800.

243. **CIRCUS ÆRUGINOSUS**, (Linnaeus) 1766.—*Mus.* Strickland, Nos. 109 *a.* 109 *b.* *Jard.*, Brit.

*Milvus æruginosus*, *Albin*, B. i. pl. 3.

*M. ictinus*, *Leach*, Syst. Cat. Mus. Brit. p. 9.

*Accipiter circus palustris*, *Briss.* Orn. i. p. 401.

*A. circus rufus*, *Briss.* Orn. i. p. 404.

*Falco milvus æruginosus*, *Klein*, Prod. Av. p. 5.

*F. æruginosus*, *Linn.* Syst. Nat. p. 130. — *Gmel.* Syst. Nat. p. 267. — *Lath.* Ind. Orn. p. 25 ; Syn. i. p. 53 ; Supp. p. 15 ; Gen. Hist. i. p. 87. — *Daud.* Tr. Orn. ii. p. 165. — *Shaw*, Zool. vii. pp. 113, 150. — *Bechst.* Taschenb. Deutschl. p. 24. sp. 19. — *Meyer*, Taschenb. deutsch. Vögelk. p. 43. — *Frisch*, Vög. Deutschl. pl. 77. — *Meisn.* Syst. Verz. Vög. i. p. 6. — *Sepp*, Nederl. Vög. i. p. 15. — *Lewin*, Brit. B. i. p. 22. pl. 8. — *Baik.* & *Hedd.* Hist. Nat. Orcad. p. 29. — *Nitzsch*, Pterolog. p. 94. — *Brünn.* Orn. Bor. p. 5. — *Kerr*, Trans. Gmel. p. 498. — *Müll.* Prod. Faun. Dan. p. 10. — *Naum.* Nat. Vög. Deutschl., alte Ausg. iv. p. 190. pl. 22. f. 35, 36, 37.

*F. rufus*, *Gmel.* Syst. Nat. p. 266. — *Lath.* Ind. Orn. p. 25 ; Syn.



i. p. 51 ; Gen. Hist. i. p. 89. — *Linn.* Faun. Suec. ed. Retz. p. 65.—*Daud.* Tr. Orn. ii. p. 169.—*Shaw*, Zool. vii. pp. 113, 150. — *Frisch*, Vög. Deutschl. pl. 78. — *Meyer*, Taschenb. deutsch. Vögelk. iii. p. 11. — *Penn.* Brit. Zool. ed. 1812, i. p. 237. — *Cuv.* Règ. An. ed. 1. i. p. 325 ; ed. 2. i. p. 338. — *Mudie*, Brit. B. p. 103.—*Farr.* Brit. B. i. p. 90.—*Selby*, Ill. Brit. Orn. i. p. 24. — *Kaup*, Thierr. p. 253. — *Malh.* Faun. Sicil. p. 40.—*Schemb.* Orn. Malt. p. 16.—*Kerr*, Trans. Gmel. p. 497. — *Naum.* Nat. Vög. Deutschl. ed. nov. i. p. 378. pls. 37, 38.—*Temm.* Man. Orn. pt. 1. p. 69, pt. 3. p. 39 ; Tab. Méth. p. 6.—*Benoit*, Orn. Sicil. p. 15.—*Schulz*, Faun. March. p. 263.

**F. arundinaceus**, *Bechst.* Naturg. Deutschl. i. p. 681. sp. 19.

**F. krameri**, *Kram.* Elench. p. 328. no. 7.

**F. æruginosus**, var., *Lath.* Gen. Hist. i. p. 89 B.

**Circus æruginosus**, *Savig.* Desc. Egypt. pt. 1. p. 90.—*Steph.* Zool. xiii. pt. 2. p. 41.—*Bonap.* Eur. & N. Am. B. p. 5 ; Cat. Ucc. Eur. p. 21 ; Consp. Av. p. 34.—*Less.* Tr. Orn. p. 86.—*Vieill.* Faun. Franç. p. 24. pl. 10. f. 1 ; Enc. Méth. iii. p. 1209. — *Mont.* Orn. Dict. ed. Renn. p. 326.—*Macgill.* Brit. B. p. 382 ; Rap. B. Brit. p. 289.—*Thomps.* B. Irel. i. p. 78. — *Watt.* B. Irel. p. 19.—*Knox*, Orn. Suss. (Ramb.) p. 186.—*Kaup*, Ueb. Falk. Mus. Senck. p. 258 ; Monog. Falc. Cont. Orn. 1850, p. 59. — *Mühle*, Orn. Griechl. p. 23. — *Gray*, Gen. B. p. 5 ; ed. 2. p. 6 ; fol. sp. 13 ; List B. Brit. Mus. p. 82.—*Keyserl.* & *Blas.* Wirbelth. Eur. p. 141. — *Paget*, Nat. Hist. Yarm. p. 3.

**C. rufus**, *Savig.* Desc. Egypt. i. p. 91.—*Roux*, Orn. Prov. p. 26. pls. 13, 14, 15.—*Brehm*, Vög. Deutschl. p. 91.—*Vieill.* Faun. Franç. p. 25. pl. 10. f. 2 ; Enc. Méth. iii. p. 1209.—*Less.* Tr. Orn. p. 86.—*Jerd.* Madr. Journ. x. p. 79. — *Gould*, Eur. B. pl. 32. — *Blyth*, Ann. Nat. Hist. xiii. p. 113. — *Dicks.* Proc. Zool. Soc. pt. 12. p. 64.—*Selby*, Ill. Brit. Orn. i. p. 66. pl. 9. — *Jard.* Brit. B. i. p. 238. pl. 24.—*Lubb.* Faun. Norf. p. 14. — *Bailly*, Orn. Sav. i. p. 141.—*S.-Longch.* Faun. Belg. p. 57. — *Reichenb.* Prakt. Nat. Vög. p. 136. — *Degl.* Orn. Eur. i. p. 71.

**C. arundinaceus**, *Brehm*, Vög. Deutschl. p. 91 ; Isis, 1832, p. 750.

**C. variegatus**, *Sykes*, Proc. Zool. Soc. pt. 2. p. 81 ; Journ. As. Soc. Beng. iii. p. 420.

**C. sykesi**, *Less.* Comp. Buff.

**C. rufus et aquaticus**, *Brehm*, in Isis, 1832, p. 836.



*Buteo æruginosus*, *Flem.* Brit. An. p. 55.—*Jenyns*, Brit. Man. p. 88.—*Dillw.* Faun. Swans. p. 4.

*B. rufus*, *Couch*, Faun. Cornw. p. 11.

*Busard de marais*, *Buff.* Pl. Enl. 424.—*Gérard.* Tab. Elem. Orn. i. p. 39.

*Harpaye*, *Buff.* Pl. Enl. 460.—*Gérard.* Tab. Elem. Orn. i. p. 41.

*Wasser-weihe*, *Bechst.* Naturg. Deutschl. i. p. 683.

*Sumpf-weihe*, *Meyer*, Taschenb. deutsch. Vögelk. i. p. 43.

*Falco di palude*, *Savi*, Orn. Tosc. i. p. 60.

*Rufous-eared Falcon*, *Lath.* Gen. Hist. i. p. 179.

*Konta Falcon*, *Lath.* Gen. Hist. i. p. 193. sp. 117.

*Muskooroo Falcon*, *Lath.* Gen. Hist. i. p. 193. sp. 118 ?

*Habitat.* — Europe. Ionian Isles. Africa. Egypt, Tripoli, Morocco. Asia. Smyrna (*Strickl.*). Bengal, Trebizond, Erzeroom, China, Bochara, Candahar.

244. **CIRCUS CYANEUS**, (Linnæus) 1766. — Mus. Strickland, Nos. 110 a. 110 b. 110 c. Jard., Brit.

*Pygargus*, *Albin*, B. i. pl. 5 ; iii. pl. 3.

*Accipiter falco torquatus*, *Briss.* Orn. i. p. 345.

*A. falco montanus cinereus*, *Briss.* Orn. i. p. 355.

*A. lanarius cinereus*, *Briss.* Orn. i. p. 365.

*A. lanarius albicans*, *Briss.* Orn. i. p. 367.

*A. macrourus*, *Gmel.* in Nov. Com. Petrop. xv. p. 439. pls. 8, 9 ; It. Sib. i. p. 48.

*A. variabilis*, *Pall.* Zoog. Ross. As. i. p. 364.

*Falco montanus*, *Briss.* Orn. i. p. 352. — *Gmel.* Syst. Nat. p. 278.—*Lath.* Ind. Orn. p. 48 ; Syn. i. p. 93. sp. 78 ; Gen. Hist. i. p. 118.—*Daud.* Tr. Orn. ii. p. 128.—*Shaw*, Zool. vii. p. 183.

*F. cyaneus*, *Linn.* Syst. p. 126 ; Faun. Suec. ed. Retz. p. 64.—*Gmel.* Syst. Nat. p. 276.—*Kerr*, Trans. Gmel. p. 513.—*Lath.* Ind. Orn. p. 39 ; Syn. i. p. 88 ; Supp. i. p. 22 ; Gen. Hist. i. p. 94.—*Daud.* Tr. Orn. ii. p. 174.—*Shaw*, Zool. vii. p. 163. — *Geoff.* in Bull. Soc. Philom. pt. 4. p. 101. pl. 12. f. 1. — *Wiedm.* Arch. Zool. iv. pt. 2. p. 183.—*Bew.* Brit. B. ed. 1. i. p. 33.—*Penn.* Brit. Zool. p. 68. pl. A 6 ; ed. 1812, i. p. 239.

- pl. 29 ♂.—*Mont.* Orn. Dict. i. & Supp.; Linn. Trans. ix. p. 182.  
 — *Selby*, Ill. Brit. Orn. i. p. 25. pl. 10. — *Lewin*, Brit. B. i. p. 42. pl. 18. — *Mudie*, Brit. B. i. p. 100. — *Baik. & Hedd.* Hist. Nat. Orcad. p. 30. — *Temm.* Man. Orn. pt. 1. p. 72; pt. 3. p. 41; Tab. Méth. p. 6. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 45. — *Malh.* Faun. Sicil. p. 38. — *Beseke*, Vög. Kurl. p. 9. — *Bechst.* Taschenb. Deutschl. p. 25. sp. 20. — *Frisch*, Vög. Deutschl. pls. 79, 80.—*Wern.* Atl. Ois. Eur.
- F. pygargus**, *Linn.* Syst. Nat. p. 126; Faun. Suec. ed. Retz. p. 65.—*Gmel.* Syst. Nat. p. 277.—*Kerr*, Trans. Gmel. p. 513. — *Lath.* Syn. i. p. 82. sp. 67; Supp. p. 22.—*Cuv.* Ann. Mus. Hist. Nat. xiv. p. 301. — *Bew.* Brit. B. ed. 1. p. 35. — *Penn.* Brit. Zool. ed. 1812, i. p. 240.—*Selby*, Ill. Brit. Orn. i. p. 25. pl. 10.—*Naum.* Nat. Vög. Deutschl. ed. nov. p. 391. pls. 38, 39.—*Nitzsch*, Pterolog. p. 94.—*Kaup*, Thierr. p. 254.—*Scop.* Ann. 1st, p. 14.—*Berkh.* Synop. i. p. 11.—*Beseke*, Vög. Kurl. p. 9. — *Lewin*, Brit. B. i. p. 44. pl. 18\*. — *Mudie*, Brit. B. i. p. 100.—*Baik. & Hedd.* Hist. Nat. Orcad. p. 30.
- F. macrourus**, *Gmel.* Syst. Nat. p. 269.—*Lath.* Ind. Orn. p. 29; Syn. i. p. 59. sp. 41; Gen. Hist. i. p. 77.—*Daud.* Tr. Orn. ii. p. 90.—*Shaw*, Zool. vii. p. 160.
- F. communis** **E**, *Gmel.* Syst. Nat. p. 270.
- F. griseus**, *Gmel.* Syst. Nat. p. 275. — *Lath.* Ind. Orn. p. 37; Syn. i. p. 82. sp. 67; Gen. Hist. i. p. 90.—*Daud.* Tr. Orn. ii. p. 114.
- F. albicans**, *Gmel.* Syst. Nat. p. 276. — *Lath.* Ind. Orn. p. 39; Syn. i. p. 87.
- F. montanus** **β**, *Gmel.* Syst. Nat. p. 278. — *Lath.* Ind. Orn. p. 48; Syn. i. p. 94 A; Gen. Hist. i. p. 118 A.
- F. bohemicus**, *Gmel.* Syst. Nat. p. 279.—*Lath.* Ind. Orn. p. 43; Syn. Supp. ii. p. 43; Gen. Hist. i. p. 130.—*Daud.* Tr. Orn. ii. p. 136.
- F. rubiginosus**, *Lath.* Ind. Orn. p. 27; Syn. Supp. ii. p. 36; Gen. Hist. i. p. 88 A. — *Daud.* Tr. Orn. ii. p. 167. — *Shaw*, Zool. vii. p. 170.
- F. cyaneus**, fem., *Lath.* Ind. Orn. p. 39.
- F. montanus cinereus**, *Daud.* Tr. Orn. ii. p. 128.
- F. ranivorus**, *Lath.* Ind. Orn. Supp. ii. p. 7.
- F. strigiceps**, *Nilsson*, Orn. Suec. i. p. 21.
- F. plumbeus cauda tessellata**, *Klein*, Av. Prod. p. 52.

- Circus gallinarius*, *Savig.* Desc. Egypt. i. p. 91.—*Less.* Tr. Orn. p. 84.—*Vieill.* Nouv. Dict. Hist. Nat. iv. p. 459; Faun. Franç. p. 26. pl. 11. f. 1, 2.—*Roux*, Orn. Prov. i. p. 28. pls. 16, 17.
- C. variegatus*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 466; Enc. Méth. iii. p. 1216.
- C. cyaneus*, *Less.* Man. Orn. i. p. 105. — *Boié*, in *Isis*, 1828, p. 306. — *Gould*, Eur. B. pl. 33. — *Brehm*, Vög. Deutschl. pp. 93, 94; *Isis*, 1832, p. 839.—*Bonap.* Cat. Ucc. Eur. p. 22. — *Gray*, Gen. B. fol. sp. 1. pl. 11. f. 1; List B. Brit. Mus. p. 78. — *Bailly*, Orn. Sav. i. p. 145.—*Reichenb.* Prakt. Nat. Vög. p. 135. pl. 10.—*Degl.* Orn. Eur. i. p. 74.—*Schemb.* Orn. Malt. p. 16. — *Mühle*, Orn. Griechl. p. 22. — *Benoit*, Orn. Sicil. p. 16. — *Lubb.* Faun. Norf. p. 14. — *Keyserl. & Blas.* Wirbelth. Eur. p. 140.—*S.-Longch.* Faun. Belg. p. 57.—*Paget*, Nat. Hist. Yarm. p. 3.
- C. pygargus*, *Steph.* Zool. xiii. pt. 2. p. 41. — *Cuv.* Règ. An. ed. 2. i. p. 337. — *Swains.* Classif. B. ii. p. 212. — *Schulz*, Faun. March. p. 264.—*Müll.* Prod. Faun. Dan. p. 10.
- C. cyaneus et pygargus*, *Selby*, Ill. Brit. Orn. 1833, i. p. 68. pl. 10. — *Yarr.* Brit. B. i. p. 94. — *Flem.* Brit. An. p. 53. — *Mont.* Orn. Dict. ed. Renn. p. 247. — *Macgill.* Brit. B. iii. p. 366; Rap. B. Brit. p. 298.—*Jard.* Brit. B. i. p. 227. pl. 22. — *Thomps.* B. Irel. i. p. 81.—*Watt.* B. Irel. p. 19. — *Knox*, Orn. Suss. (Ramb.) p. 186.
- C. cinereus*, *Brehm*, Vög. Deutschl. p. 94; *Isis*, 1832, p. 843.
- C. agithus*, *Leach*, Syst. Cat. Brit. Mus. pp. 9, 10.
- Buteo cyaneus*, *Jenyns*, Man. Brit. p. 89.—*Dillw.* Faun. Swans. p. 4.—*Couch*, Faun. Cornw. p. 11.
- Strigiceps pygargus*, *Bonap.* Eur. & N. Am. B. p. 5. — *Gray*, Gen. B. p. 5; ed. 2. p. 7.
- S. cyaneus*, *Bonap.* Consp. Av. p. 35.—*Gray*, List B. Brit. Mus. p. 78; Gen. & Subgen. Brit. Mus. p. 7.—*Kaup*, Monog. Falc. Cont. Orn. 1850, p. 58.
- Soubuse*, *Buff.* Pl. Enl. 443, 480.—*Gérard.* Tab. Elem. Orn. i. p. 37.
- Oiseau St. Martin*, *Buff.* Pl. Enl. 459. — *Gérard.* Tab. Elem. Orn. i. p. 43.
- De Swemmer*, *Sepp*, Nederl. Vög. iv. p. 391.
- Albanella reale*, *Savi*, Orn. Tosc. i. p. 63.
- Blue Hawk*, *Edw.* B. pl. 225.
- Grey Falcon*, *Penn.* Brit. Zool. sp. 49.

Hen Harrier, *Mont. Orn. Dict. i. & Supp.* (sub *F. cyaneus et pygargus*).

*Habitat.*—Europe. Britain, France, Germany, Italy, Holland. Morea. Ionian Isles. Asia. Smyrna (*Strickland*). Trebizond, Candahar. Africa (*Levaillant*).

244 *a.* **CIRCUS HUDSONIUS**, (Linnæus) 1766.—*Mus. Strickland*, Nos. 111 *a.* 111 *b.* *Jard., Peale, Brit., Zool. Soc., Edinb.*

*Accipiter freti hudsonis*, *Briss. Orn. vi. App. p. 18. sp. 47.*

*Falco hudsonius*, *Linn. Syst. Nat. p. 128.*—*Gmel. Syst. Nat. p. 277, juv.*—*Lath. Syn. i. p. 91. sp. 76* ; *Gen. Hist. i. p. 97. sp. C.*—*Daud. Tr. Orn. ii. p. 173.*—*Shaw, Zool. vii. p. 165.*

*F. spadiceus*, *Gmel. Syst. Nat. p. 273.*—*Forst. Phil. Trans. lxi. p. 383.*

*F. buffonii*, *Gmel. Syst. Nat. p. 277 (fem. & juv.).*—*Lath. Gen. Hist. i. p. 98 D.*—*Daud. Tr. Orn. ii. p. 172.*

*F. uliginosus*, *Gmel. Syst. Nat. p. 278.*—*Lath. Ind. Orn. p. 40; Syn. i. p. 90* ; *Gen. Hist. i. p. 271.*—*Daud. Tr. Orn. ii. p. 173.*—*Wils. Am. Orn. pl. 51. f. 2.*—*Sab. App. Frankl. Exp. p. 671.*

*F. cyaneus*  $\gamma$ , *Lath. Ind. Orn. p. 40* ; *Syn. i. p. 91. sp. 76 A.*—*Shaw, Zool. vii. p. 166.*

*F. cyaneus*, *Audub. Am. B. pl. 356.*—*James. (Wils.) Am. Orn. iv. p. 21.*—*Bonap. Am. Orn. pl. 12* ; *Ann. Lyc. N. York, ii. p. 33* ; *Isis, 1832, p. 1038.*—*Peab. B. Mass. p. 82.*

*F. cyaneus*  $\beta$ , *Lath. Ind. Orn. p. 40.*

*F. europogistus*, *Daud. Tr. Orn. ii. p. 110.*

*F. hyemalis*, var., *Lath. Ind. Orn. Supp. p. 8* ; *Syn. Supp. ii. p. 39.*

*F. æruginosus*, var., *Shaw, Zool. vii. p. 117.*

*F. picatus*, *Shaw, Zool. vii. p. 167.*

*Circus europogistus*, *Vieill. Ois. Am. Sept. pl. 8.*

*C. hudsonius*, *Vieill. Ois. Am. Sept. pl. 9.*—*Cass. B. Calif. & Tex. p. 108.*

*C. variegatus*, *Vieill. Ois. Am. Sept. i. p. 37.*

*C. uliginosus*, *Vieill. Ois. Am. Sept. i. p. 37.*—*De Kay, Zool. N. York, ii. p. 20. pl. 3. f. 6, 7.*—*James. (Wils.) Am. Orn. i. p. 88.*

*C. cyaneus*, *Bonap. Ann. Lyc. N. York, p. 33.*—*Jard. (Wils.)*

Am. Orn. ii. p. 272 ; iii. p. 391.—*Richards. & Swains.* Faun. Bor. Am. pl. 29.—*Audub.* Synop. p. 19. — *Brew.* (Wils.) N. Am. Orn. Synop. p. 685.—*Peale*, U.S. Explor. Exp. p. 63.—*Woodh.* (Sitg.) Exp. Zuni & Colorad. p. 61. — *Nutt.* Man. Orn. U.S. & Canad. p. 109.—*Giraud*, B. Long Isld. p. 21.—*Gray*, List B. Brit. Mus. p. 78.

*Strigiceps uliginosus*, *Bonap.* Eur. & N. Am. B. p. 5. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 58.

*S. hudsonius*, *Bonap.* Consp. Av. p. 35.

Ring-tailed Hawk, *Edw.* B. pl. 107.

Marsh Hawk, *Edw.* B. pl. 291. f. dext.

Chocolate Falcon, *Penn.* Arct. Zool. ii. sp. 94. pl. 9. f. 2.

Bay Falcon, *Lath.* Syn. i. p. 54. sp. 34. var. A, B.

*Habitat*.—America generally to lat. 68° N. (summ.) S. United States (wint.). Guatemala (S. Constancaia).

245. **CIRCUS RANIVORUS**, (Daudin) 1800.—Mus. Jard., Brit.

*Falco ranivorus*, *Daud.* Tr. Orn. ii. p. 170. — *Lath.* Ind. Orn. Supp. p. 7 ; Syn. Supp. ii. p. 35 ; Gen. Hist. i. p. 181. — *Shaw*, Zool. vii. p. 171.

*F. pygargus*, *Kaup*, *Thierr.* p. 254.

*Circus ranivorus*, *Jard. & Selby*, Ill. Orn. ser. 1. sub pl. 51. — *Cuv.* Règ. An. ed. 2. i. p. 358.—*Less.* Tr. Orn. p. 86.—*Vieill.* Nouv. Dict. Hist. Nat. iv. p. 456 ; Enc. Méth. iii. p. 1214.—*Kaup*, Ueb. Falk. Mus. Senck. p. 258 ; Monog. Falc. Cont. Orn. 1850, p. 59. — *Gray*, Gen. B. fol. sp. 2 ; List B. Brit. Mus. p. 84.

*Grenouillard*, *Levaill.* Ois. Af. pl. 23. — *Less.* Man. Orn. i. p. 105.

*Habitat*.—S. Africa.

246. **CIRCUS SWAINSONI**, Smith, 1830. — Mus. Strickland, Nos. 112 a. 112 b. 112 c. Zool. Soc.

*Falco cyaneus* A, *Lath.* Gen. Hist. i. p. 96.

*F. herbæcola*, *Tick.* Journ. As. Soc. Beng. ii. p. 570.

*Circus swainsoni*, *Smith*, S. Af. Quart. Journ. i. p. 384 ; S. Af. Zool. pls. 43, 44.—*Bonap.* Cat. Ucc. Eur. p. 22 ; Consp. Av. p. 35.—*Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 81.—*Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 329. — *Kelaart*,

Prod. Faun. Zeyl. ii. p. 25.—*Kaup*, Ueb. Falk. Mus. Senck. p. 258.

*C. cyaneus*, *Frankl.* Proc. Comm. Zool. Soc. pt. 1. p. 115.

*C. albescens*, *Less.* Tr. Orn. p. 85.

*C. pallidus*, *Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 80 ; Journ. As. Soc. Beng. iii. p. 420. — *Gould*, Eur. B. pl. 34. — *Jerd.* Madr. Journ. x. p. 78.

*C. dalmatinus*, *Rüpp.* Mus. Senck. pl. 11 ; Neue Wirbelth. p. 45.

*C. æquipar*, *Pucher.* Rev. Zool. 1850, p. 14.

*Strigiceps pallidus*, *Bonap.* Eur. & N. Am. B. p. 5.

*Glaucopteryx pallidus*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 58.

*Habitat*.—S. Europe. Asia. Dukhun, Bengal, Erzerroom. Africa. Senegal, Cape of Good Hope.

247. **CIRCUS CINERARIUS**, (Montague) 1791.—Mus. Strickland, No. 113. Jard., Brit.

*Falco cinerarius*, *Mont.* Linn. Trans. ix. p. 188 ; Orn. Dict.—*Aikin*, Zool. Journ. v. p. 323. — *Nitzsch*, Pterolog. p. 94. — *Selby*, Ill. Brit. Orn. 1825, i. p. 28. pls. 11, 11 a.—*Bew.* Brit. B. ed. 2. p. 37.—*Mudie*, Brit. B. p. 102.

*F. cineraceus*, *Temm.* Man. Orn. pt. 1. p. 76 ; pt. 3. p. 42. — *Meyer*, Taschenb. deutsch. Vögelk. iii. p. 13. — *Wern.* Atl. Ois. Eur.—*Naum.* Nat. Vög. Deutschl. ed. nov. p. 402. pl. 40. f. 1, 2, 3.—*Kaup*, Thierr. p. 253.—*Malh.* Faun. Sicil. p. 39. — *Schemb.* Orn. Malt. p. 17.—*Mühle*, Orn. Griechl. p. 22.

*F. cinerascens*, *Barbier*, Rev. Zool. 1838, p. 121.

*F. hyemalis*, *Yarr.* Brit. B. i. p. 100. — *Penn.* Brit. Zool. ed. 1812, i. p. 243.

*Circus montagui*, *Vieill.* Nouv. Dict. Hist. Nat. xxxi. p. 411 ; Enc. Méth. iii. p. 1211 ; Faun. Franç. p. 27. pl. 12. f. 1, 2 ; Gal. Ois. pl. 13.—*Less.* Tr. Orn. p. 84.—*Swains.* Classif. B. ii. p. 212.—*Roux*, Orn. Prov. i. p. 30. pls. 18, 19.—*Degl.* in Mém. Soc. Sc. Lille, 1831, p. 216.—*Lafresn.* Mém. Soc. Ac. Falaise, i. p. 77 ; Rev. Zool. 1841, p. 139.—*Knox*, Orn. Suss. (Ramb.) p. 186.

*C. cinerascens*, *Steph.* Zool. xiii. pt. 2. p. 41. — *Gray*, Gen. B. fol. sp. 4 ; List B. Brit. Mus. p. 81.—*Reichenb.* Prakt. Nat. Vög. p. 135. pl. 10.—*Benoit*, Orn. Sicil. p. 16.—*Schulz*, Faun. March. p. 264. — *Keyserl. & Blas.* Wirbelth. Eur. p. 141.—



*Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 330.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 26.

*C. cineraceus*, *Cuv.* Règ. An. ed. 2. i. p. 338. — *Gould*, Eur. B. pl. 35.—*Jerd.* Madr. Journ. x. p. 78.—*Bonap.* Cat. Ucc. Eur. p. 22.—*Degl.* Orn. Eur. i. p. 76.—*Selby*, Ill. Brit. Orn. 1833, i. p. 70. pl. 11.—*Mont.* Orn. Dict. ed. Renn. p. 7.—*Macgill.* Brit. B. p. 378 ; *Rap.* B. Brit. p. 316. — *Jard.* Brit. B. i. p. 234. pl. 23. — *Thomps.* B. Irel. p. 83 (sub *C. cyaneus*). — *Watt.* B. Irel. p. 20.—*S.-Longch.* Faun. Belg. p. 57.—*Eversm.* Add. Pall. Zoog. Ross. As. fasc. iii. p. 7.—*Bailly*, Orn. Sav. i. p. 148.—*Lubb.* Faun. Norf. p. 14.

*C. pratorum et cineraceus*, *Brehm*, Vög. Deutschl. pp. 95, 96 ; *Isis*, 1832, pp. 846, 849.

*C. cinereus*, *Kaup*, Ueb. Falk. Mus. Senck. p. 258.

*C. cinerarius*, *Leach*, Syst. Cat. Brit. Mus. p. 9.

*Buteo cineraceus*, *Flem.* Brit. An. p. 55. — *Jenyns*, Man. Brit. p. 9.—*Couch*, Faun. Cornw. p. 11.

*Strigiceps cineraceus*, *Bonap.* Eur. & N. Am. B. p. 5 ; *Consp.* Av. p. 35.

*Glaucopteryx cinerascens*, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 58.

*Mausehabicht*, *Meyer*, in Abh. Privatges. Böhm. vi. p. 313.

*Falco albanella rossica*, *Storia degl.* Ucc. pl. 36 *f.* male.

*Albanella piccola*, *Savi*, Orn. Tosc. i. p. 65.

Ash-coloured Falcon, *Bew.* Brit. B. i. p. 37.—*Lath.* Gen. Hist. i. p. 92.—*Mont.* Orn. Dict. & Supp.

*Habitat.*—Europe. Britain, France, Switzerland, Italy, Hungary, Poland, Austria, Dalmatia. Asia. Trebizond. India.

247a. **CIRCUS ATER**, Vieillot, 1816.—Mus. Paris.

*C. ater*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 459 ; *Enc. Méth.* iii. p. 1215.—*Pucher.* Rev. Zool. 1850, p. 82.—*Bonap.* Rev. Zool. 1850, p. 492.

*Habitat.*—France. Chartres (*M. Marchand*).

248. **CIRCUS MAURUS**, (Temminck) 1827. — Mus. Strickland, No. 114. Brit., Leyden.

*Falco maurus*, *Temm.* Pl. Col. 461.

*Circus lalandi*, *Smith*, S. Af. Quart. Journ. i. p. 383.



**C. maurus**, *Less.* Tr. Orn. p. 87. — *Gray*, List B. Brit. Mus. 1844, p. 41 ; Gen. B. fol. sp. 8. — *Rüpp.* Syst. übers. p. 12. — *Smith*, Ill. S. Af. Zool. pl. 58. — *Pucher.* Rev. Zool. 1850, p. 82.

**C. ater**, *Gray*, List B. Brit. Mus. 1848, p. 80. — *Bonap.* Consp. Av. p. 35.

**Strigiceps maurus**, *Kaup*, Ueb. Falc. Mus. Senck. p. 258 ; Monog. Falc. Cont. Orn. 1850, p. 58.

*Habitat.*—Cape of Good Hope.

249. **CIRCUS MELANOLEUCUS**, (Gmelin) 1789.—Mus. Strickland, Nos. 115 *a.* 115 *b.* Jard., Brit.

**Falco melanoleucus**, *Gmel.* Syst. Nat. p. 274. — *Lath.* Ind. Orn. p. 36 ; Syn. i. p. 81 ; Supp. i. p. 20 ; Gen. Hist. i. p. 183. — *Penn.* Ind. Zool. p. 33. pl. 2. — *Forst.* Faunul. Ind. p. 5. — *Daud.* Tr. Orn. ii. p. 85. — *Shaw*, Zool. vii. p. 154.

**F. melanoleucus**, var., *Lath.* Syn. Supp. ii. p. 40 ; Gen. Hist. i. p. 184 A.

**Circus**, *Less.* Man. Orn. i. p. 105.

**C. melanoleucus**, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 465 ; Enc. Méth. iii. p. 1215. — *Steph.* Zool. xiii. pt. 2. p. 42. — *Cuv.* Règ. An. ed. 2. i. p. 338. — *Less.* Tr. Orn. p. 87. — *Fig.* Zool. Journ. i. p. 340. — *Jerd.* Madr. Journ. x. p. 79. — *McClell.* Proc. Zool. Soc. pt. 7. p. 154 ; Ann. Nat. Hist. vi. p. 373. — *Blyth*, Ann. Nat. Hist. xii. p. 91 ; Journ. As. Soc. Beng. n. s. xix. p. 330. — *Gray*, Gen. B. fol. sp. 6 ; List B. Brit. Mus. p. 80 ; Cat. Mus. E.I.C. p. 26. — *Kelaart*, Prod. Faun. Zeyl. ii. p. 26.

**Strigiceps melanoleucus**, *Bonap.* Consp. Av. p. 35. — *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 58.

**Faucon à collier des Indes**, *Sonner.* Voy. Ind. ii. p. 182.

**Tchoug**, *Levaill.* Ois. Af. pl. 32. — *Less.* Man. Orn. i. p. 105.

*Habitat.*—India. Nepal.

250. **CIRCUS JARDINII**, Gould, 1837.—Mus. Strickland, No. 116. Jard., Brit.

**Circus jardinii**, *Gould*, Proc. Zool. Soc. pt. 5. p. 141 ; Synop. B. Aust. p. 3 ; B. Aust. i. pl. 27 ; Intr. B. Aust. p. 23. — *Gray*, Gen. B. fol. sp. 11 ; List B. Brit. Mus. p. 82. — *Sturt*, Exp. Aust. App. p. 16. — *Müll.* Verh. Nat. Gesch. Ned. Bez. Landk. p. 87.

**Spilocircus jardinii**, *Kaup*, *Isis*, 1847, p. 102 ; *Monog. Falc. Cont. Orn.* 1850, p. 58.

**Long-shanked Falcon**, *Lath. Gen. Hist.* i. p. 270.

*Habitat.* — Australia. New S. Wales. Malasia. Macassar (*Müller*).

251. **CIRCUS ASSIMILIS**, *Jardine & Selby*, 1826.—*Mus. Strickland*, Nos. 117 *a.* 117 *b.*

*Circus assimilis*, *Jard. & Selby*, *Ill. Orn. ser. 1.* pl. 51.—*Gould*, *B. Aust.* i. pl. 6 ; *Intr. B. Aust.* p. 23. — *Gray*, *Zool. Ereb.* p. 2 ; *Gen. B. fol. sp.* 12 ; *List B. Brit. Mus.* p. 83. — *Kaup*, *Monog. Falc. Cont. Orn.* 1850, p. 59.

*C. gouldi*, *Bonap. Rev. Zool.* 1850, p. 491.

*C. jardinii*, *Bonap. Consp. Av.* p. 34.

*Habitat.*—Australia. New S. Wales. S. Australia. Van Diemen's Land. New Zealand (*Gray*).

252. **CIRCUS MACULOSA**, (*Vieillot*) 1807. — *Mus. Strickland*, No. 118. *Brit., Paris, Leyden.*

*Aquila maculosa*, *Vieill. Ois. Am. Sept.* pl. 3 bis.—*Lath. Gen. Hist.* i. p. 246.

*Circus macropterus*, *Vieill. Nouv. Dict. Hist. Nat.* iv. p. 458 ; *Enc. Méth.* iii. p. 1215. — *D'Orbigny. Synop. Av. Mag. Zool.* 1837 ; *Voy. Am. Mérid.* p. 112. — *Gray*, *Gen. B. fol. sp.* 9 ; *List B. Brit. Mus.* p. 82.—*Bonap. Consp. Av.* p. 34.

*C. leucophrys*, *Vieill. Nouv. Dict. Hist. Nat.* iv. p. 464 ; *Enc. Méth.* iii. p. 1215.—*Pucher. Rev. Zool.* 1850, p. 82.

*C. palustris*, *Less. Man. Orn.* i. p. 105. — *Vig. Zool. Journ.* i. p. 340.—*Steph. Zool.* xiii. pt. 2. p. 42.—*Cuv. Règ. An.* ed. 2. i. p. 338.

*C. superciliosus*, *Less. Tr. Orn.* p. 87. pl. 3. f. 1.—*Pucher. Rev. Zool.* 1850, p. 214.

*Falco palustris*, *Lath. Gen. Hist.* i. p. 276.—*Max. Trav. Braz.* p. 93 ; *Reis. Bras.* i. p. 110.—*Temm. Pl. Col.* 22.

*Morphnus maculosus*, *Cuv. Règ. An.* ed. 1. i. p. 319 ; ed. 2. p. 330.—*Steph. Zool.* xiii. pt. 2. p. 18.—*Vig. Zool. Journ.* i. pp. 323, 337.—*Less. Man. Orn.* i. p. 90.

*Harpyia maculosa*, *Swains. Classif. B.* ii. p. 208.

*Spiziacircus macropterus*, *Kaup*, Ueb. Falk. Mus. Senck. p. 258;  
Monog. Falc. Cont. Orn. 1850, p. 59.

*Alikargo*, *Azar*. Pax. Par. i. p. 136. no. 31.

*Habitat*.—S. America. Brazil.

253. **CIRCUS MEGASPILUS**, Gould, 1837.—Mus.

*Circus megaspilus*, *Gould*, Proc. Zool. Soc. pt. 5. p. 10.—*Darw.*  
Zool. Beag. pt. 3. p. 29. — *Gray*, Gen. B. fol. sp. 10. pl. 11.  
—*Bonap* Consp. Av. p. 34 (sub *C. macropterus*).

*Habitat*.—S. America. La Plata.

254. **CIRCUS CINEREUS**, Vieillot, 1816. — Mus. Strickland,  
Nos. 119 *a*. 119 *b*. Brit.

*Circus cinereus*, *Vieill.* Nouv. Diet. Hist. Nat. iv. p. 454 ; Enc.  
Méth. iii. p. 1213.—*Darw.* Zool. Beag. pt. 3. p. 30.—*D'Orbig.*  
Synop. Av. Mag. Zool. 1837 ; Voy. Am. Mérid. Ois. p. 110.  
—*Bridges*, Proc. Zool. Soc. pt. 11. p. 109 ; Ann. Nat. Hist.  
xiii. p. 500.—*Gray*, Gen. B. fol. sp. 5 ; App. p. 2 ; List B.  
Brit. Mus. p. 80.

*C. campestris*, *Vieill.* Enc. Méth. iii. p. 1213.

*C. histrionicus*, *Quoy*, Zool. Journ. iii. p. 271. — *King*, Zool.  
Journ. iii. p. 425 ; Isis, 1830, p. 1182 ; Voy. Beag. i. p. 532.  
—*Less.* Tr. Orn. p. 85. — *Jard. & Selby*, Ill. Orn. ser. i. sub  
pl. 51.

*C. frenatus*, *Licht.* Verz. Doubl. p. 62 ?

*Falco histrionicus*, *Quoy*, Voy. Uran. p. 93. pl. 15, 16.

*Strigiceps histrionicus*, *Bonap.* Consp. Av. p. 35.

*Spiziacircus histrionicus*, *Kaup*, Monog. Falc. Cont. Orn. 1850,  
p. 59.

*Ceniciento*, *Azar*. Pax. Par. i. p. 145. no. 32.

*Habitat*.—S. America. Falkland Islands, Straits of Magellan,  
Chili.

254 *a*. **CIRCUS ACOLI**, (Daudin) 1800.—Mus. Brit.

*Acoli*, *Levaill.* Ois. Af. pl. 31.—*Rislach*, in Thunb. Diss. Ac. iii.  
p. 271.

*Falco acoli*, *Daud.* Tr. Orn. ii. p. 176.—*Lath.* Ind. Orn. Supp.  
p. 9 ; Syn. Supp. ii. p. 42 ; Gen. Hist. i. p. 173. — *Shaw*,  
Zool. vii. pl. 23.

**Circus acoli**, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 453 ; Enc. Méth. iii. p. 1212. — *Less.* Man. Orn. i. p. 105.—*Vig.* Zool. Journ. i. p. 339.—*Steph.* Zool. xiii. pt. 2. p. 42.—*Cuv.* Règ. An. ed. 2. i. p. 338.—*Gray*, Gen. B. fol. sp. 7 ; List B. Brit. Mus. p. 80. — *Bonap.* Rev. Zool. 1850, p. 492 ; Consp. Av. p. 35.

**Strigiceps acoli**, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 58.

*Habitat.*—S. Africa. W. Africa, Congo.

255. **CIRCUS SPILONOTUS**, *Kaup*, 1850.—Mus. Zool. Soc.

**Circus spilonotus**, *Kaup*, Monog. Falc. Cont. Orn. 1850, p. 59.

*Habitat.*—Asia.

## STRIGIDÆ.

Genus **GLAUCIDIUM**, *Boié*. 1826.

256. **GLAUCIDIUM PASSERINUM**, (Linnæus) 1766. — Mus. Strickland, Nos. 120 *a*. 120 *b*. Jard., Brit.

*Strix passerina*, *Linn.* Syst. Nat. p. 133 ; Faun. Suec. p. 26. sp. 79.—*Retz.* Faun. Suec. p. 86. sp. 36.—*Tengm.* Wetterau. Handl. 1793, p. 294. — *Nilss.* Orn. Suec. i. p. 69. pl. 3. — *Vieill.* Enc. Méth. iii. p. 1285. — *Gould*, B. Eur. pl. 50. — *Degl.* Orn. Eur. i. p. 136.—*Müll.* Prod. Zool. Dan. p. 11.

*S. tengmalmi*, var., *Lath.* Ind. Orn. Supp. p. 16 ; Syn. Supp. ii. p. 66.—*Shaw*, Zool. vii. p. 267.

*S. pusilla*, *Daud.* Tr. Orn. ii. p. 205.—*Lath.* Gen. Hist. i. p. 368. sp. 74.

*S. pygmæa*, *Bechst.* Naturg. Deutschl. ii. p. 978. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 83 ; Vög. Deutschl. pt. 20 ; Vög. Liv. u. Esthl. p. 38. — *Gravenhorst*, in *Isis*, 1832, p. 1292.

*S. acadica*, *Temm.* Man. Orn. pt. 1. p. 96 ; pt. 3. p. 50.—*Naum.* Nat. Vög. Deutschl. Nachtr. p. 182. pl. 25 ; ed. nov. i. p. 434. pl. 43. f. 1, 2.—*Wern.* Atl. Ois. Eur.

*S. bohémica*, *Schmidt*.

*Glaucidium nanum*, *Boié*, in *Isis*, 1826, p. 976.

*G. passerinum*, *Bonap.* Eur. & N. Am. B. p. 6 ; Cat. Ucc. Eur. p. 22 ; Consp. Av. p. 36. — *Gray*, Gen. B. p. 6 ; ed. 2. p. 8. — *Brehm*, Vög. Deutschl. p. 108.

*Noctua pygmæa*, *Steph.* Zool. vii. pt. 2. p. 63.

*N. acadica*, *Cuv.* Règ. An. ed. 2. i. p. 345.

*Surnia passerina*, *Bonap.* Oss. Cuv. Règ. An. p. 51 ; *Isis*, 1833, p. 1050.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 107.

*Athene passerina*, *Gray*, List B. Brit. Mus. p. 93 ; Gen. B. fol. sp. 10.

*A. africana*, *Bonap.* Consp. Av. p. 36 (sub *Glaucidium passerinum*).

*La Chevéche*, *Buff.* Pl. Enl. 439.

*Chevechette*, *Lervail.* Ois. Af. pl. 46.—*Buff.* Ois. ed. Sonn. iv. p. 187.

*Habitat.*—N.E. Europe. N. Asia. Africa. Sennaar (*Rüppell*).

Genus **ATHENE**, *Boié*. 1822.

257. **ATHENE NOCTUA**, (*Retzius*) 1800. — Mus. Strickland, Nos. 121 *a*. 121 *b*. *Jard.*, Brit.

*Noctua*, *Alb.* B. ii. pl. 12.

*N. glaux*, *Savig.* Desc. Egyp. pt. 1. p. 105.

*N. minima*, *Frisch*, Vög. Deutschl. ii. pl. 10.

*N. passerina*, *Steph.* Zool. xiii. pt. 2. p. 63. — *Cuv.* Règ. An. ed. 2. i. p. 345.—*Selby*, Ill. Brit. Orn. i. p. 107. pl. 26.—*Farr.* Brit. B. i. p. 142.—*Less.* Tr. Orn. p. 103.

*Strix noctua minor*, *Briss.* Orn. i. p. 514.

*S. passerina*, *Gmel.* Syst. Nat. p. 296.—*Lath.* Ind. Orn. p. 65 ; Syn. i. p. 150 ; Supp. i. p. 48 ; Gen. Hist. i. p. 369.—*Asso*, Faun. Arag. p. 71.—*Daud.* Tr. Orn. ii. p. 203.—*Shaw*, Zool. vii. p. 264.—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 80 ; Vög. Liv. u. Esthl. p. 36.—*Bechst.* Naturg. Deutschl. ii. p. 367.—*Meisner*, Vög. Schweiz, p. 36 ; Syst. Verz. p. 9.—*Savi*, Orn. Tosc. i. p. 76 ; Cat. Ucc. Pisa, p. 12. no. 17.—*Michah.* Isis, 1830, p. 893. — *Temm.* Man. Orn. pt. 1. p. 92, pt. 3. p. 49 ; Tab. Méth. p. 7.—*Wern.* Atl. Ois. Eur.—*Vieill.* Faun. Franç. p. 47. pl. 22. f. 2.—*Roux*, Orn. Prov. i. p. 78. pl. 53.

*S. noctua*, *Retz.* Faun. Suec. p. 85.—*Licht.* Cat. Berl. sp. 618. — *Bonap.* Consp. Av. p. 39.—*Bailly*, Orn. Sav. i. p. 194.—*Naum.* Nat. Vög. Deutschl. iv. p. 271. pl. 32. f. 53 ; ed. nov. i. p. 493. pl. 48. f. 1.

*S. persica*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 26 ; Enc. Méth. iii. p. 1289.—*Pucher.* Rev. Zool. 1849, p. 18.

*S. psilodactyla*, *Nilss.* Skand. Faun.

*S. nudipes*, *Nilss.* Orn. Suec. i. pl. 2.—*Gould*, Eur. B. pl. 48.

*Athene passerina*, *Boié*, in Isis, 1822, p. 549. — *Brehm*, Vög. Deutschl. p. 110.

*A. noctua*, *Bonap.* Eur. & N. Am. B. p. 6 ; Cat. Ucc. Eur. p. 22. — *Gray*, Gen. B. ed. 2. p. 7 ; fol. sp. 1.

*A. bactriana*, *Hutt.* Journ. As. Soc. Beng. xvi. p. 776.

*Surnia noctua*, *Bonap.* Oss. Cuv. Règ. An. p. 48 ; *Isis*, 1833, p. 1049 ; *Nuov. Giorn. Pisa*, xxv. pt. 2. p. 58.

*Nyctipetes*, *Swains.* Classif. B. ii. p. 218.

*Scotophilus nudipes*, *Jard.* Brit. B. i. p. 274.

*Syrnia psilodactyla*, *Macgill.* Brit. B. iii. p. 417.

*Cephaloptynx noctua*, *Kaup*, Monog. Strig. Cont. Orn. 1850, p. 105.

*La Chevêche*, *Buff.* Pl. Enl. 439. — *Gérard.* Tab. Elem. Orn. i. p. 78.

*Strige Civetta*, *Ranz.* Elem. Zool. iii. p. 161.

*La Civetta*, *Olina*, Uccell. p. 56.—*Cetti*, Sard. p. 66.

*Little Owl*, *Edw.* B. pl. 228.

*Habitat.*—Europe. Asia. Anatolia (*Strickland*), Persia (=persica, *Vieill.*). Candahar. Ionian Isles. Africa. Egypt.

257 a. **ATHENE MERIDIONALIS**, (*Risso*) 1826.—Mus.

*Noctua meridionalis*, *Risso*, Hist. Nat. Nice, i. p. 32. — *Less.* Man. Orn. i. p. 110.

*Athene meridionalis*, *Gray*, Gen. B. fol. sp. 44.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 105.

*Habitat.*—Vicinity of Nice.

258. **ATHENE CUNICULARIA**, (*Molini*) 1782.—Mus. *Strickland*, No. 122. *J. Taylor*, Brit., Munich, Leyden, Vienna.

*Strix noctua coquimbana*, *Briss.* Orn. i. p. 525.

*S. cunicularia*, *Mol.* St. Chil. p. 343.—*Gmel.* Syst. Nat. p. 292. sp. 28.—*Lath.* Ind. Orn. p. 63 ; Syn. i. p. 145. sp. 33 ; Gen. Hist. i. p. 365. — *Daud.* Tr. Orn. ii. p. 201. — *Meyen*, Nov. Act. Leop. Carol. xvi. Supp. p. 70. — *Licht.* Verz. Doubl. p. 59.—*Audub.* Am. B. pl. 432 ; Orn. Biog. v. p. 264 ; Synop. p. 22. — *Nutt.* Man. Orn. U. S. & Canad. p. 118. — *Bonap.* Am. Orn. p. 68. pl. 7. f. 2 ; Ann. Lyc. N. York, ii. pp. 36, 435 ; *Isis*, 1832, p. 1139.—*James.* (Wils.) Am. Orn. iv. p. 30. — *Vieill.* Ois. Am. Sept. i. p. 48.—*Max.* Beiträg. iii. p. 248 ; Reis. Bras. ii. pp. 191, 344 ; Zusätze, p. 128.—*Say*, (Long.) Exp. ii. pp. 36, 200.

*S. grallaria*, *Spix*, Av. Braz. i. p. 21.—*Temm.* Pl. Col. 146.

*Ulula cunicularia*, *Feuillée*, Journ. Obs. Phys. p. 562. — *Jard.* (Wils.) Am. Orn. iii. p. 325.



*Noctua grallaria*, *Steph.* Zool. xiii. pt. 2. p. 67. — *Less.* Man. Orn. i. p. 111 ; Tr. Orn. p. 102. — *Cuv.* Règ. An. ed. 2. i. p. 346.

*N. cunicularia*, *Darw.* Journ. Res. p. 145. — *D'Orbig.* Synop. Av. Mag. Zool. 1838 ; Voy. Am. Mérid. p. 128.

*N. urucurea*, *Less.* Tr. Orn. p. 103. — *Tschudi*, Av. Consp. Wieg. Arch. 1844, p. 267 ; Faun. Per. pp. 19, 116.

*Otus cunicularia*, *Cuv.* Règ. An. ed. 2. i. p. 341.

*Surnia cunicularia*, *Bonap.* Oss. Cuv. Règ. An. p. 50 ; Isis, 1833, p. 1050. — *De Kay*, Zool. N. York, ii. p. 23.

*Nyctipetes cunicularia*, *Swains.* Classif. B. ii. p. 218.

*Athene cunicularia*, *Bonap.* Eur. & N. Am. B. p. 6 ; Consp. Av. p. 38. — *Darw.* Zool. Beag. pt. 3. p. 31. — *Rich. Schomb.* Verz. Faun. Brit. Guian. ii. p. 731. — *Bridg.* Proc. Zool. Soc. pt. 11. p. 109 ; Ann. Nat. Hist. xiii. p. 500. — *Gray*, Gen. B. fol. sp. 19 ; List B. Brit. Mus. p. 92. — *Peale*, U. S. Expl. Exp. p. 77. — *Hartl.* Syst. Ind. Azar. p. 4.

*A. hypogæa*, *Bonap.* Consp. Av. p. 39 (sub *A. cunicularia*, *Say*).

*A. hypugæa*, *Woodh.* (Sitg.) Exp. Zuni & Colorad. p. 62. — *Peale*, U. S. Expl. Exp. p. 78.

*A. socialis*, *Gamb.* Proc. Ac. Nat. Sc. Philad. iii. p. 47.

*Pholeoptynx cunicularia*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 106.

*Urucurea*, *Azar.* Pax. Par. i. p. 214. sp. 47.

*Habitat.*—N.W. parts of N. America. Missouri Plains. Mexico. S. America. Brazil, Minas Geraes, Para, Chili, La Plata. W. Indies. St. Nevis, St. Domingo.

259. **ATHENE DOMINICENSIS**, (Gmelin) 1789.—Mus.

*Strix dominicensis*, *Gmel.* Syst. Nat. p. 296. — *Lath.* Ind. Orn. p. 64 ; Syn. i. p. 146 ; Gen. Hist. i. p. 348. — *Shaw*, Zool. vii. p. 261. — *Donnd.* Orn. Beiträg. i. p. 176.

*S. suinda*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 341 ; Enc. Méth. iii. p. 1293.

*Noctua dominicensis*, *Tschudi*, Av. Consp. Wieg. Arch. 1844, p. 267 ; Faun. Per. p. 115.

*Athene dominicensis*, *Gray*, Gen. B. fol. sp. 26. — *Hartl.* Syst. Ind. Azar. p. 3. — *Bonap.* Consp. Av. p. 38.

*Suindá*, *Azar.* Pax. Par. i. p. 205. no. 45.

*La Chouette de St. Domingue*, *Buff.* Ois. ed. Sonn. iv. p. 145.

*Habitat.*—St. Domingo.

260. **ATHENE FERRUGINEA**, (Maximilian) 1820.—Mus. Strickland, Nos. 123 *a*. 123 *b*. Jard., Brit., Leyden.

*Strix ferruginea*, *Max.* Reis. Bras. i. p. 105 ; Trav. Braz. p. 88 ; Beiträg. iii. p. 234.—*Temm.* Pl. Col. 199.—*Lath.* Gen. Hist. i. p. 373.

*Noctua ferruginea*, *Steph.* Zool. xiii. pt. 2. p. 69.—*Less.* Man. Orn. i. p. 111 ; Tr. Orn. p. 104. — *Cuv.* Règ. An. ed. 2. i. p. 346. — *Tschudi*, Av. Consp. Wieg. Arch. 1844, p. 267 ; Faun. Per. pp. 19, 117.

*Surnia ferruginea*, *Bonap.* Oss. Cuv. Règ. An. p. 56 ; Isis, 1833, p. 1053.

*Athene ferruginea*, *Gray*, Gen. B. fol. sp. 17 ; List B. Brit. Mus. p. 92.—*Bonap.* Consp. Av. p. 38.

*Glaucidium ferrugineum*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 104.

Sparrow Owl, *Lath.* Gen. Hist. i. p. 373. pl. 17.

*Habitat.*—Brazil.

260 *a*. **ATHENE LATHAMI**, (Bonaparte) 1830.—Mus.

*Surnia* ? *lathami*, *Bonap.* Oss. Cuv. Règ. An. p. 56.

Rufous Owl, *Lath.* Gen. Hist. i. p. 375.

*Ciccaba lathami*, *Bonap.* Consp. Av. p. 43.

*Habitat.*— — ?

261. **ATHENE FEROX**, (Vieillot) 1817. — Mus. Strickland, No. 124. Brit.

*Strix ferox*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 22 ; Enc. Méth. iii. p. 1289.

*S. minutissima*, *Max.* Reis. Bras. ; Beiträg. iii. p. 242.

*S. pumila*, *Temm.* Pl. Col. 39.—*Licht.* Verz. Doubl. p. 60.

*Noctua pumila*, *Steph.* Zool. xiii. pt. 2. p. 68.—*Less.* Man. Orn. i. p. 112 ; Tr. Orn. p. 104.—*Cuv.* Règ. An. ed. 2. i. p. 346.

*N. ferox*, *D'Orbig.* Synop. Av. Mag. Zool. 1838.

*Surnia* ? *minutissima*, *Bonap.* Oss. Cuv. Règ. An. p. 57 ; Isis, 1833, p. 1053.

*Athene pumila*, *Gray*, Gen. B. fol. sp. 14 ; List B. Brit. Mus. p. 92.—*Hurtl.* Syst. Ind. Azar. p. 4.

*A. ferox*, *Bridg.* Proc. Zool. Soc. pt. 11. p. 109 ; *Ann. Nat. Hist.* xiii. p. 500.

*A. minutissima*, *Bonap.* Consp. Av. p. 38.

*Strix pumila*, *Illig.* Mus. Berl. ??

*Glaucidium pumilum*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 103, sub *G. pumilum*.

Le Cabure, *Azar.* Pax. Par. i. p. 225. no. 49.

*Habitat.*—Paraguay. Brazil. Chili.

262. **ATHENE INFUSCATA**, (Temminck) 1821. — Mus. Paris, Leyden (*Max.*).

*Strix infuscata*, *Temm.* Ind. Général ; Man. Orn. i. p. 97 (sub *acadica*).

*S. passerinoides*, *Temm.* Pl. Col. 344. — *Audub.* Orn. Biog. v. p. 271.—*Rich. Schomb.* Verz. Faun. Brit. Guian. ii. p. 731.

*Noctua passerinoides*, *Less.* Man. Orn. i. p. 112 ; Tr. Orn. p. 104.

*Surnia passerinoides*, *Bonap.* Oss. Cuv. Règ. An. i. p. 57 ; *Isis*, 1833, p. 1053.

*Glaucidium gnoma*, *Wagl.* *Isis*, 1832, p. 275.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 103 (sub *G. infuscatum*).

*G. infuscatum*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 103. —*Cass.* B. Calif. & Tex. p. 189.

*Athene passerinoides*, *Gray*, Gen. B. fol. sp. 18 ; List B. Brit. Mus. p. 92.

*A. gnoma*, *Gray*, Gen. B. fol. sp. 35.

*A. infuscata*, *Bonap.* Consp. Av. p. 37.

*Habitat.*—America. Mexico. Oregon. California (*Cassin*). Brazil.

263. **ATHENE PERLATA**, (Vieillot) 1817. — Mus. Brit., Paris, Leyden.

*Strix perlata*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 26 ; Enc. Méth. iii. p. 1290.

*S. occipitalis*, *Temm.* Pl. Col. 34.

*Noctua occipitalis*, *Steph.* Zool. xiii. pt. 2. p. 63.—*Less.* Man. Orn. i. p. 111.—*Cuv.* Règ. An. ed. 2. i. p. 346.

*Surnia* ? *perlata*, *Bonap.* Oss. Cuv. Règ. An. p. 58 ; *Isis*, 1833, p. 1054.

*Scotophilus perlatus*, *Swains.* B. W. Af. i. p. 130.

*Nyctipetes perlatus*, *Swains.* Classif. B. ii. p. 218.

*Athene perlata*, *Gray*, Gen. B. fol. sp. 12 ; List B. Brit. Mus. p. 91.—*Hartl.* Verz. W. Af. Vög. p. 16.—*Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 396.

*Glaucidium perlatum*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 104.—*Bonap.* Consp. Av. p. 37.

*Chevechette perlée*, *Levaill.* Ois. Af. pl. 284.

Pearl Owl, *Lath.* Gen. Hist. i. p. 366. sp. 72.

*Habitat.*—Africa. Sennaar, Senegal, Senegambia, Gambia.

264. **ATHENE LICUA**, (*Lichtenstein*) 1842. — Mus. Strickland, No. 125. Jard., Leyden.

*Strix licua*, *Licht.* Verz. Saug. u. Vög. Kaffernl. p. 12.

*Glaucidium licua*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 104.

*Athene licua*, *Strickl. & Sclat.* B. Damar. Cont. Orn. 1852, p. 142. — *Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 396.

*Habitat.*—S.W. Africa. Damara.

265. **ATHENE CONNIVENS**, (*Latham*) 1801.—Mus. Strickland, Nos. 126 a. 126 b.

*Falco glaucopis*, *Lath.* N. S. Wales, Dr. ii. no. 95.

*F. connivens*, *Lath.* Ind. Orn. Supp. p. 12 ; Syn. Supp. ii. p. 53 ; Gen. Hist. i. p. 221.—*Shaw*, Zool. vii. p. 186.

*Buteo connivens*, *Vieill.* Nouv. Dict. Hist. Nat. iv. p. 481 ; Enc. Méth. iii. p. 1226.

*Noctua frontata*, *Less.* Tr. Orn. p. 106. — *Pucher.* Rev. Zool. 1849, p. 21.

*Athene* ? *fortis*, *Gould*, Proc. Zool. Soc. pt. 5. p. 141 ; Synop. B. Aust. pt. 3. pl. 47. f. 1.

*A. connivens*, *Gray*, Ann. Nat. Hist. xi. p. 189 ; Gen. B. fol. sp. 31 ; List B. Brit. Mus. p. 90.—*Gould*, B. Aust. i. pl. 34 ; Intr. B. Aust. p. 24.—*Bonap.* Consp. Av. p. 43.

*A. frontata*, *Gray*, Gen. B. fol. sp. 34.

*Ieraglaux connivens*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 109.

*Habitat*.—Australia. New S. Wales. S. Australia. W. Australia.

266. **ATHENE BOOBOOK**, (Latham) 1801. — Mus. Strickland, No. 127. Jard., Brit., Linn. Soc.

*Strix novæ hollandiæ*, *Lath.* N. S. Wales, Dr. ii. no. 8.

*S. boobook*, *Lath.* Ind. Orn. Supp. p. 15 ; Syn. Supp. ii. p. 64 ; Gen. Hist. i. p. 362.—*Shaw*, Zool. vii. p. 262.

*Noctua boobook*, *Less.* Man. Orn. i. p. 113.—*Fig.* Linn. Trans. xv. p. 188 ; *Isis*, 1828, p. 262.

*Athene boobook*, *Gould*, Synop. B. Aust. pt. 3. pl. 48. f. 2 ; B. Aust. i. pl. 32 ; Intr. B. Aust. p. 23.—*Grey*, Journ. Aust. i. p. 244.—*Sturt*, Exp. Aust. App. p. 17. — *Gray*, Gen. B. fol. sp. 30 ; List B. Brit. Mus. p. 90.—*Bonap.* Consp. Av. p. 42.

*Ieraglaux bubuk*, (*Strickl.*) *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 108.

**New Holland Owl**, *Lath.* Gen. Hist. i. p. 334.

*Habitat*.—New S. Wales. S. Australia. W. Australia. Port Essington.

267. **ATHENE STRENUA**, Gould, 1837.—Mus. Brit.

*Athene strenua*, *Gould*, Proc. Zool. Soc. pt. 5. p. 142 ; Synop. B. Aust. pt. 3. pl. 47. f. 2 ; B. Aust. i. pl. 35 ; Intr. B. Aust. p. 24.—*Gray*, Gen. B. fol. sp. 32 ; List B. Brit. Mus. p. 91. —*Bonap.* Consp. Av. p. 43.

*Ieraglaux strenua*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 109.

*Habitat*.—Australia. New S. Wales.

- 267 a. **ATHENE RUFA**, Gould, 1846.—Mus. Wilson, Philad.

*Athene rufa*, *Gould*, Proc. Zool. Soc. pt. 14. p. 18 ; B. Aust. i. pl. 36 ; Intr. B. Aust. p. 24.—*Bonap.* Consp. Av. p. 43.

*Ieraglaux rufus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 109.

*A. strenua*, juv., *H. E. S.* MS. ?

*Habitat*.—Australia. Port Essington.

268. **ATHENE MACULATA**, (Vigors and Horsfield) 1826.—Mus. Brit., Linn. Soc.

*Noctua maculata*, *Vig.* Linn. Trans. xv. p. 189 ; *Isis*, 1830, p. 262.—*Less.* Man. Orn. i. p. 113.

*Athene maculata*, *Gould*, Synop. B. Aust. pt. 3. pl. 48. f. 1 ; B. Aust. i. pl. 33 ; Intr. B. Aust. p. 24. — *Gray*, Gen. B. fol. sp. 29 ; List B. Brit. Mus. p. 89.—*Bonap.* Consp. Av. p. 42.

*Ieraglaux maculatus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 108.

*Habitat.*—New S. Wales. Van Diemen's Land.

- 268 a. **ATHENE MARMORATA**, Gould, 1846.—Mus.

*Athene marmorata*, *Gould*, Proc. Zool. Soc. pt. 14. p. 18 ; Intr. B. Aust. p. 24.—*Bonap.* Consp. Av. p. 42.

*Ieraglaux marmoratus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 108.

*Habitat.*—S. Australia.

269. **ATHENE NOVÆ SEELANDIÆ**, (Gmelin) 1789. — Mus. Jard., Brit.

*Strix fulva*, *Forst.* Icon. Ined. 39. — *Lath.* Ind. Orn. p. 65 ; Syn. Supp. i. p. 48 ; Gen. Hist. i. p. 365. — *Daud.* Tr. Orn. ii. p. 202.—*Shaw*, Zool. vii. p. 266.—*Licht.* Forst. Desc. Av. p. 71.

*S. fulva*  $\beta$ , *Lath.* Ind. Orn. p. 65 ; Syn. i. p. 149 ; Gen. Hist. i. p. 366 A.

*S. novæ seelandiæ*, *Gmel.* Syst. Nat. p. 296. — *Donnd.* Orn. Beiträg. i. p. 175.

*Noctua zealandica*, *Quoy*, Voy. Astrol. pl. 2. f. 2.

*Athene novæ seelandiæ*, *Gray*, in Dieff. N. Zeal. ii. p. 186 ; Zool. Ereb. p. 2 ; Gen. B. fol. sp. 28 ; List B. Brit. Mus. p. 89. — *Bonap.* Consp. Av. p. 42.

*Ieraglaux novæ seelandiæ*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 108.

*Habitat.*—New Zealand.

270. **ATHENE BRAMA**, (Temminck) 1822. — Mus. Strickland, No. 128. Jard., Brit., Paris.

*Strix brama*, *Temm.* Pl. Col. 68.

*Noctua brama*, *Steph.* Zool. xiii. pt. 2. p. 65.—*Less.* Man. Orn. i. p. 112 ; Tr. Orn. p. 103.—*Cuv.* Règ. An. ed. 2. i. p. 346.

*N. indica*, *Frankl.* Proc. Comm. Zool. Soc. pt. 1. p. 115 ; Journ. As. Soc. Beng. i. p. 262. — *Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 82 ; Journ. As. Soc. Beng. iii. p. 421.—*Dicks.* Proc. Zool. Soc. pt. 7. p. 119.

*N. tarayensis*, *Hodgs.* As. Res. xix. p. 175.

*Surnia? brama*, *Bonap.* Oss. Cuv. Règ. An. p. 58 ; Isis, 1833, p. 1054.

*Athene brama*, *Blyth*, Ann. Nat. Hist. xii. pp. 93, 231 ; Journ. As. Soc. Beng. xix. p. 511 ; Cat. B. Mus. As. Soc. Calc. p. 39. — *Gray*, Gen. B. fol. sp. 2. pl. 12. f. 3 ; List B. Brit. Mus. p. 87. — *Bonap.* Consp. Av. p. 39. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 105 ; Cat. Mus. E.I.C. i. p. 65.

Spotted Indian Owl, *Lath.* Gen. Hist. i. p. 352.

*Habitat.*—India. Bengal. Dukhun. Carnatic. Erzerroom (*Dickson*). Africa ?

271. **ATHENE CUCULOÏDES**, (Gould) 1832.—Mus. Strickland, Nos. 129 *a.* 129 *b.* 129 *c.* Jard., Brit., Zool. Soc.

*Noctua cuculoïdes*, *Gould*, B. Himal. pl. 4.—*Vig.* Proc. Comm. Zool. Soc. pt. 1. p. 8 ; Journ. As. Soc. Beng. i. p. 262. — *Hodgs.* Journ. As. Soc. Beng. vi. p. 369.

*N. auribarbis*, *Hodgs.* Journ. As. Soc. Beng. vi. p. 369.

*Athene cuculoïdes*, *Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 87 ; Cat. Mus. E.I.C. p. 66. — *Bonap.* Consp. Av. p. 40. — *Blyth*, Journ. As. Soc. Beng. xix. p. 510 ; Cat. B. Mus. As. Soc. Calc. p. 38.—*Hodgs.* Gray, Zool. Misc. p. 82. no. 67.

*A. auribarbis*, *Gray*, Gen. B. fol. sp. 5. App. p. 3.

*Tœnioglaux cuculoïdes*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 106.

*Habitat.*—Asia. Himalaya, Malabar, Assam, Tenasserim, Sylhet, Arracan, Nepal, Chusan.

272. **ATHENE RADIATA**, (Tickell) 1833. — Mus. Strickland, Nos. 130 *a.* 130 *b.* 130 *c.* Jard., Brit., Zool. Soc.

*Strix radiata*, *Tickell*, Journ. As. Soc. Beng. ii. p. 572.

*S. undulata*, *Buchanan*.

*Athene erythroptera*, *Gould*, Proc. Zool. Soc. pt. 5. p. 136.—*Gray*, Gen. B. fol. sp. 4 ; List B. Brit. Mus. p. 88.



*A. undulata*, *Blyth*, Journ. As. Soc. Beng. xi. p. 457.

*A. radiata*, *Blyth*, Journ. As. Soc. Beng. xv. p. 281; xix. n. s. p. 510; Cat. B. Mus. As. Soc. Calc. p. 39; Cat. Mus. E.I.C. i. p. 67.—*Bonap.* Consp. Av. p. 40.

*Noctua perlineata*, *Hodgs.* Gray, Zool. Misc. p. 82. no. 707.

*N. cuculoides*, *Jerd.* Madr. Journ. x. p. 91.

*Tænioglaux erythroptera*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 106.

*Habitat.*—S. Asia. Himalaya. Upper and Central India.

273. **ATHENE CASTANOPTERA**, (*Horsfield*) 1821.—Mus. Brit., Paris, Leyden, E. I. Comp.

*Strix castanoptera*, *Horsf.* Linn. Trans. xiii. p. 140; Isis, 1825, p. 1055. — *Lath.* Gen. Hist. i. p. 354. — *Less.* Man. Orn. i. pp. 109, 114.—*Vig.* Raffl. Life, p. 651.—*Temm.* Pl. Col. 98.

*S. spadicea*, *Reinw.* MS.

*Noctua castanoptera*, *Steph.* Zool. xiii. pt. 2. p. 69. — *Cuv.* Règ. An. ed. 2. i. p. 346.—*Less.* Tr. Orn. p. 105.

*Athene castanoptera*, *Blyth*, Journ. As. Soc. Beng. xv. p. 280. — *Gray*, Gen. B. fol. sp. 6; List B. Brit. Mus. p. 88.—*Bonap.* Consp. Av. p. 40; Cat. Mus. E.I.C. i. p. 67.

*A. castanotus*, *Blyth*, Cat. B. Mus. As. Soc. Calc. p. 38.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 27.

*Tænioglaux castaneoptera*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 106.

*Habitat.*—S. Asia. Indian Archipelago. Java. Banda. Sumatra. Ceylon (*Blyth*, *Kelaart*).

274. **ATHENE MALABARICA**, *Blyth*, 1845.—Mus.

*Athene castanoptera*, *Jerd.* Madr. Journ. xiv. p. 120.—*Blyth*, Journ. As. Soc. Beng. xiv. p. 184.—*Bonap.* Consp. Av. p. 40 (sub *castanoptera*).—*Gray*, List B. Brit. Mus. p. 88 (sub *castanoptera*).

*A. malabarica*, *Blyth*, Journ. As. Soc. Beng. xv. p. 280; n. s. xix. p. 500.

*Habitat.*—S. Asia. Malabar. Travancore.

275. **ATHENE SUPERCILIARIS**, (*Vieillot*) 1817.—Mus. Paris.

*Strix superciliaris*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 33; Enc. Méth. iii. p. 1293.

*S. sonnerati*, *Temm.* Pl. Col. 21.

*Noctua sonnerati*, *Steph.* Zool. xiii. pt. 2. p. 64. — *Less.* Man. Orn. i. p. 111 ; *Tr.* Orn. p. 102.—*Cuv.* Règ. An. i. p. 346.

*Surnia?* *sonnerati*, *Bonap.* Oss. *Cuv.* Règ. An. p. 58 ; *Isis*, 1833, p. 1054.

*Athene sonnerati*, *Blyth*, Journ. As. Soc. Beng. xiv. p. 185.—*Gray*, Gen. B. fol. sp. 7.

*A. superciliaris*, *Pucher.* Rev. Zool. 1849, p. 19. — *Gray*, Gen. B. fol. App. p. 30 a.—*Bonap.* Consp. Av. p. 39.

*Scops superciliaris*, *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 509.

*Ieraglaux superciliaris*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 107.

*Habitat.*—Malay Peninsula, and Archipelago (*Blyth*).

276. **ATHENE BRODIEI**, (*Burton*) 1835. — Mus. Strickland, No. 131. Brit., Chatham.

*Noctua brodiei*, *Burt.* Proc. Zool. Soc. pt. 3. p. 152.

*N. tubiger*, *Hodgs.* As. Res. xix. p. 175. — *Gray*, Zool. Misc. p. 82 ; *Cat.* Hodgs. Coll. p. 50.

*Athene brodiei*, *Blyth*, Journ. As. Soc. Beng. xi. p. 163 ; xix. n. s. p. 511.—*Bonap.* Consp. Av. p. 40.—*Gray*, Gen. B. fol. sp. 9 ; *List B.* Brit. Mus. 1848, p. 88.—*Hutt.* Journ. As. Soc. Beng. xvii. pt. 2. p. 5 ; *Cat.* Mus. E.I.C. p. 66.

*A. badia*, *Hodgs.* *Gray*, Zool. Misc. p. 82.—*Gray*, *List B.* Brit. Mus. 1844, p. 51.

*Glaucidium brodiei*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 104.

*Habitat.*—S. Asia. Himalaya. Nepal.

277. **ATHENE CAPENSIS**, *Smith*, 1834.—Mus. Brit.

*Athene capensis*, *Smith*, S. Af. Quart. Journ. ser. 2 ; Ill. S. Af. Zool. pl. 33.—*Gray*, Gen. B. fol. sp. 11 ; *List B.* Brit. Mus. p. 91. — *Bonap.* Consp. Av. p. 37.—*Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 396.

*Habitat.*—S. Africa. Cape Colony (*Smith*).

278. **ATHENE NANA**, (King) 1828.—Mus. Jard., Brit.

*Strix nana*, *King*, Zool. Journ. iii. p. 427; *Isis*, 1830, p. 1182; *Voy. Beag.* i. p. 533.

*A. leucolaima*, *Hombr. & Jacq.* *Voy. Pole Sud*, Atl. pl. 4. figs. 2, 3.  
—*Bonap.* *Consp. Av.* p. 40.

*A. nana*, *Gray*, *Gen. B.* fol. sp. 15 & 41. pl. 12; *List B. Brit. Mus.* p. 91.—*Bonap.* *Consp. Av.* p. 37.—*Hombr. & Jacq.* *Voy. Pole Sud*, iii. p. 54.

*Glaucidium nanum*, *Kaup*, *Monog. Strig. Cont. Orn.* 1852, p. 103.

*Habitat.*—S. America. Straits of Magellan.

279. **ATHENE WOODFORDI**, Smith, 1834. — Mus. Strickland, No. 132. Jard., Brit.

*Noctua woodfordi*, *Smith*, *S. Af. Quart. Journ.* 1834.

*Athene woodfordi*, *Smith*, *Ill. S. Af. Zool.* pl. 71.—*Gray*, *Gen. B.* fol. sp. 13; *List B. Brit. Mus.* p. 91.—*Hartl.* *Verz. W. Af. Vög.* p. 15.—*Müll.* *Syst. Verz. Vög. Af. Cab. Journ. Orn.* ii. p. 396.

*Syrnium woodfordi*, *Bonap.* *Consp. Av.* p. 52.—*Kaup*, *Monog. Strig. Cont. Orn.* 1852, p. 120.

*Habitat.*—S. Africa. Cape of Good Hope. W. Africa. Gambia.

280. **ATHENE FUSCA**, (Vieillot) 1817.—Mus. Paris.

*Strix fusca*, *Vieill.* *Nouv. Dict. Hist. Nat.* vii. p. 22; *Enc. Méth.* iii. p. 1288.

*S. maugei*, *Temm.* *Pl. Col.* 46.

*Noctua maugei*, *Steph.* *Zool.* xiii. pt. 2. p. 67.—*Less.* *Man. Orn.* i. p. 112; *Tr. Orn.* p. 106.—*Cuv.* *Règ. An.* ed. 2. i. p. 346.

*Athene maugei*, *Gray*, *Gen. B.* fol. sp. 20.

*A. fusca*, *Pucher.* *Rev. Zool.* 1849, p. 20. — *Gray*, *Gen. B.* fol. App. p. 30 a.—*Bonap.* *Consp. Av.* p. 38.

*Spiloglaux fuscus*, *Kaup*, *Monog. Strig. Cont. Orn.* 1852, p. 108.

*Habitat.*—W. Indies. Porto Rico, St. Domingo.

281. **ATHENE SCUTULATA**, (Raffles) 1822. — Mus. Strickland, Nos. 133 a. 133 b. 133 c. Brit., Paris, Leyden.

*Strix passerina*, desc. 2, *Lath.* *Gen. Hist.* i. p. 370.

*S. scutulata*, *Raffl.* Linn. Trans. xiii. p. 280.—*Vig.* *Raffl.* Life, p. 651.

*S. hirsuta*, *Temm.* Pl. Col. 289.

*S. lugubris*, *Tickell*, Journ. As. Soc. Beng. ii. p. 572. — *Jerd.* Madr. Journ. x. p. 87.

*S. hirsuta japonica*, *Schleg.* Faun. Jap. p. 29. pl. 9 B.

*Noctua hirsuta*, *Steph.* Zool. xiii. pt. 2. p. 66.—*Cuv.* Règ. An. ed. 2. i. p. 346.—*Less.* Tr. Orn. p. 106.

*Surnia hirsuta*, *Less.* Man. Orn. i. p. 110.

*Ninox lugubris*, *Blyth*, Ann. Nat. Hist. xii. pp. 93, 231. — *Strickl.* Ann. Nat. Hist. xiii. p. 40.

*N. nipalensis*, *Hodgs.* Madr. Journ. v. pl. 14; Journ. As. Soc. Beng. vi. p. 364.—*Gray*, Gen. B. p. 6; ed. 2. p. 7.

*N. jeridius*, *Hodgs.* *Gray*, Zool. Misc. p. 82.

*N. scutulata*, *Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 511.

*Athene malaccensis*, *Eyton*, Ann. Nat. Hist. xvi. p. 228.

*A. scutulata*, *Strickl.* Proc. Zool. Soc. pt. 14. p. 99. — *Gray*, List B. Brit. Mus. p. 89; Gen. B. fol. sp. 8; Cat. Mus. E.I.C. i. p. 68.

*A. hirsuta*, *Bonap.* Consp. Av. p. 41. — *Kelaart*, Prod. Faun. Zeyl. p. 28.

*Ctenoglaux scutellatus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 109.

Ominous Owl, *Lath.* Gen. Hist. i. p. 363. pl. 16.

*Habitat.*—India. Nepal. Malasia. Sumatra. Malacca. Borneo. Ceylon. Japan (*Schlegel*).

## 282. *ATHENE ALBIFACIES*, *Gray*, 1844.—Mus. Brit.

*Athene albifacies*, *Gray*, Zool. Ereb. p. 2. pl. 1; Gen. B. fol. sp. 33; List B. Brit. Mus. p. 90.—*Bonap.* Consp. Av. p. 42.

*Sceloglaux albifacies*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 109.

*Habitat.*—New Zealand. South Island.

## 283. *ATHENE LEUCOPSIS*, *Hartlaub*, 1849.—Mus. Hamburg.

*Athene leucopsis*, *Hartl.* Rev. Zool. 1849, p. 496; Verz. W. Af. Vög. p. 16. — *Bonap.* Consp. Av. p. 43 (sub *ciccaba*). — *Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 396.

*Scops leucopsis*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 111.

*Habitat*.—St. Thomas's Island, W. Africa (*Hartlaub*).

284. **ATHENE GUTERUHI**, Müller, 1840.—Mus.

*Athene guteruhi*, *Müll.* Verh. Nat. Gesch. Ned. Bez. Landk. p. 279.—*Bonap.* Consp. Av. p. 41.

*Habitat*.—Malasia. Timor.

285. **ATHENE TORQUATA**, (Daudin) 1800.—Mus. Brit.

*Strix torquata*, *Daud.* Tr. Orn. ii. p. 193.

*S. perspicillata* *A.*, *Lath.* Syn. Supp. ii. p. 64.—*Shaw*, Zool. vii. pl. 32, var.

*S. pulsatrix*, *Max.* Reis. Bras. i. p. 366 ; Trav. Braz. i. p. 321 ; *Isis*, 1822, pt. 2. p. 392.—*Lath.* Gen. Hist. i. p. 374.—*Less.* Voy. Coq. i. p. 239.

*Syrnium pulsatrix*, *Max.* Beiträg. iii. p. 268.

*Noctua torquata*, *Steph.* Zool. xiii. pt. 2. p. 67.—*Less.* Tr. Orn. p. 105. — *Cuv.* Règ. An. ed. 2. i. p. 346. — *D'Orbig.* Synop. Av. Mag. Zool. 1837 ; Voy. Am. Mérid. Ois. p. 126.

*Athene torquata*, *Gray*, Gen. B. fol. sp. 24 ; List B. Brit. Mus. p. 93.—*Rich. Schomb.* Reis. Brit. Guian. p. 732.

*Ciccaba torquata*, *Bonap.* Consp. Av. p. 43.

*Chouette à collier*, *Levaill.* Ois. Af. pl. 42.

*Spectacle Owl* *A.*, *Lath.* Gen. Hist. i. p. 341.

*Downy Owl*, *Lath.* Gen. Hist. i. p. 342.

*Habitat*.—S. America. Surinam, Brazil, Cayenne.

285 *a.* **ATHENE MELANOTA**, Pucheran, 1849.—Mus. Paris.

*Strix hylophila*, *Temm.* Pl. Col. 373=juv.

*Noctua melanonota*, *Tschud.* Av. Consp. Wieg. Arch. 1844, p. 267 ; Faun. Per. p. 114. pl. 4.—*Bonap.* Consp. Av. p. 43.

*Athene melanota*, *Pucher.* Rev. Zool. 1849, p. 28.—*Gray*, Gen. B. fol. App. p. 30 *a.*

*Habitat*.—S. America. Brazil.

286. **ATHENE RUFIPES**, King, 1828.—Mus.

*Strix rufipes*, *King*, Zool. Journ. iii. p. 426 ; *Isis*, 1830, p. 1182 ; Voy. Beag. i. p. 533.

*Ulula rufipes*, *Darw.* Zool. Beag. pt. 3. p. 34.

*Athene rufipes*, *Gray*, Gen. B. fol. sp. 16.

*Habitat*.—S. America. Straits of Magellan.

287. **ATHENE VARIEGATA**, (Quoy & Gaimard) 1833.—Mus.

*Noctua variegata*, *Quoy*, Voy. Astrol. i. p. 166. pl. 1. f. 2.

*Athene variegata*, *Gray*, Gen. B. fol. sp. 37. — *Bonap.* Consp. Av. p. 41.

*Ieraglaux variegatus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 108.

*Habitat*.—Polynesia. New Ireland.

288. **ATHENE PUNCTULATA**, (Quoy & Gaimard) 1833.—Mus. Leyden.

*Noctua punctulata*, *Quoy*, Voy. Astrol. i. p. 165. pl. 1. f. 1.

*Athene punctulata*, *Gray*, Gen. B. fol. sp. 37.—*Bonap.* Consp. Av. p. 41.

*Cephaloptynx punctulata*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 105.

*Habitat*.—Malasia. Celebes.

289. **ATHENE NUDIPES**, (Daudin) 1800.—Mus. Paris.

*Strix nudipes*, *Daud.* Tr. Orn. ii. p. 199. — *Lath.* Ind. Orn. Supp. p. 16 ; Syn. Supp. ii. p. 65 ; Gen. Hist. i. p. 372. — *Shaw*, Zool. vii. p. 269.—*Vieill.* Ois. Am. Sept. pl. 16.

*Noctua nudipes*, *Steph.* Zool. xiii. pt. 2. p. 70.—*Cuv.* Règ. An. ed. 2. i. p. 346.—*Less.* Tr. Orn. p. 104.

*Surnia ? nudipes*, *Bonap.* Oss. Cuv. Règ. An. p. 59 ; *Isis*, 1833, p. 1054.

*Athene nudipes*, *Gray*, Gen. B. p. 5 ; fol. sp. 42.

*Syrnium nudipes*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 120.

*Habitat*.—S. America. Cayenne. W. Indies. Porto Rico, St. Domingo (*Kaup*).

290. **ATHENE TÆNIATA**, Hombron & Jacquinot, 1853. — Mus. Paris.

*Athene tæniata*, *Hombr. & Jacq.* Voy. Pole Sud, iii. p. 50. pl. 3. f. 1.

*A. ———*, *Gray*, Gen. B. fol. sp. 38.

*A. jacquinoti*, *Bonap.* Consp. Av. p. 42.

*Ieraglaux jacquinoti*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 108.

*Habitat.*—San-Jorge, Solomon Island.

291. **ATHENE OCELLATA**, Hombron & Jacquinot, 1853.—Mus.

*Athene ocellata*, *Hombr. & Jacq.* Voy. Pole Sud, iii. p. 51. Atl. pl. 3. f. 2.—*Bonap.* Consp. Av. p. 42.

*A. ———*, *Gray*, Gen. B. fol. sp. 39.

*Spiloglaux ocellata*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 108 (sub *I. bubuk*).

*Habitat.*—Chili. Talcahuano.

292. **ATHENE HUMERALIS**, Hombron & Jacquinot, 1853. — Mus.

*Athene humeralis*, *Hombr. & Jacq.* Voy. Pole Sud, iii. p. 53. Atl. pl. 4. f. 1.—*Bonap.* Consp. Av. p. 40.

*A. ———*, *Gray*, Gen. B. fol. sp. 40.

*Ieraglaux humeralis*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 109.

*Habitat.*—Oceania. New Guinea.

Genus **CICCABA**, *Wagler*. 1831.

293. **CICCABA HUHULA**, (Daudin) 1800. — Mus. Strickland, No. 134.

*Strix huhula*, *Daud.* Tr. Orn. ii. p. 190.—*Lath.* Ind. Orn. Supp. p. 15 ; Syn. Supp. ii. p. 62. sp. 11 ; Gen. Hist. i. p. 336.—*Vieill.* Nouv. Dict. Hist. Nat. vii. p. 20 ; Enc. Méth. iii. p. 1284.

*S. lineata*, *Shaw*, Zool. vii. pl. 36.

*S. albomarginata*, *Spix*, Av. Braz. pl. 10 a.

*Noctua lineata*, *Steph.* Zool. xiii. pt. 2. p. 67.—*Cuv.* Règ. An. ed. 2. i. p. 346.

*Noctua*, *Less.* Man. Orn. i. p. 111.



*Surnia lineata*, *Less.* Tr. Orn. p. 101.

*Ciccaba huhula*, *Wagl.* Isis, 1832, p. 1222.—*Gray*, Gen. & Subgen. Brit. Mus. p. 9 ; Gen. B. ed. 2. p. 7.

*C. lineata*, *Gray*, Gen. B. p. 5.

*Athene lineata*, *Gray*, Gen. B. fol. sp. 23.

*A. huhula*, *Gray*, List B. Brit. Mus. p. 93.

*Syrnium huhulu*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 120.

*Le Huhul*, *Levaill.* Ois. Af. pl. 41.

*Habitat*.—S. America, Cayenne.

Genus **NYCTALE**, *Brehm.* 1828.

294. **NYCTALE TENGMALMI**, (*Gmelin*) 1789.—Mus. Strickland, No. 135. Jard., Brit.

*Strix noctua*, *Tengm.* Act. Stockh. Ann. 1783, i. ; Woet. p. 289.

*S. tengmalmi*, *Gmel.* Syst. Nat. p. 291.—*Lath.* Ind. Orn. p. 64 ; Syn. Supp. ii. p. 66 ; Gen. Hist. i. p. 367. — *Penn.* Arct. Zool. Supp. p. 60.—*Daud.* Tr. Orn. ii. p. 205. sp. 29 var. — *Shaw*, Zool. vii. p. 267.—*Ranz.* Elem. Zool. iii. pl. 24. f. 4.—*Temm.* Man. Orn. pt. 1. p. 94, pt. 3. p. 49.—*Wern.* Atl. Ois. Eur.—*Naum.* Nat. Vög. Deutschl. ed. nov. i. p. 500. pl. 48. f. 2, 3.—*Roux*, Orn. Prov. i. p. 80. pl. 53 bis. — *Vieill.* Gal. Ois. i. pl. 23 ; Faun. Franç. p. 48. pl. 23. f. 1.—*Gould*, Eur. B. pl. 49.—*Degl.* Orn. Eur. i. p. 134.—*Morr.* Brit. B. p. 221. pl. 31.

*S. dasypus*, *Bechst.* Naturg. Deutschl. ii. p. 972. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 82. sp. 9 ; Naturg. Vög. Deutschl. pt. 6. pl. 2 ; Vög. Liv. u. Esthl. p. 37. — *Naum.* Nat. Vög. Deutschl., alte Ausg. iv. p. 275. pl. 23 ; Nachtr. p. 341.

*S. passerina A*, *Meyer*, Zool. Ann. i. p. 333.—*Pall.* Zoog. Ross. As. i. p. 323.

*Athene tengmalmi*, *Boié*, Isis, 1822, p. 771.

*Noctua tengmalmi*, *Cuv.* Règ. An. ed. 2. i. p. 345.—*Less.* Tr. Orn. p. 102. — *Selby*, Trans. Nat. Hist. Soc. Northumb. i. p. 248 ; Brit. Orn. ed. 2. i. p. 105. pl. 26. — *Yarr.* Brit. B. i. p. 146. — *Jenyns*, Brit. Man. p. 94. — *Jard.* Brit. B. i. p. 270.

*Ulula tengmalmi*, *Bonap.* Oss. Cuv. Règ. An. p. 53 ; Isis, 1833, p. 1052.—*Macgill.* Brit. B. iii. p. 445 (syn. exc.).

**Nyctale planiceps**, *Brehm*, Vög. Deutschl. p. 113. no. 3; *Isis*, 1832, p. 851.

**N. pinetorum**, *Brehm*, Vög. Deutschl. p. 112. no. 1.

**N. abietum**, *Brehm*, Vög. Deutschl. p. 113. no. 2.

**N. funerea**, *Bonap.* Cat. Ucc. Eur. p. 24; *Consp. Av.* p. 54.—*Gray*, List B. Brit. Mus. p. 94.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 104.

**N. tengmalmi**, *Bonap.* Eur. & N. Am. B. p. 7.—*Gray*, Gen. B. ed. 2. p. 8; fol. sp. 1. pl. 14. f. 1; Gen. & Subgen. Brit. Mus. p. 10.

**N. dasypus**, *Gray*, Gen. B. p. 6.

**Scotophilus tengmalmi**, *Swains.* Classif. B. ii. p. 217.

**Civetta capogrosso**, *Savi*, Orn. Tosc. i. p. 79.

**Chevette d'Uplande**, *Buff.* Ois. ed. Sonn. iv. p. 183.

**The Little Owl**, *Penn.* Brit. B. i. p. 211. pl. B. f. 5.

*Habitat*.—Europe. Britain, Norway, Sweden, Russia, Germany, Switzerland, Italy. Asia, Siberia. Africa, Egypt.

294 a. **NYCTALE RICHARDSONI**, Bonaparte, 1838.—Mus. Zool. Soc., Edinb., Acad. Philad. Washing. (*Cassin.*)

**Strix tengmalmi**, *Richards. & Swains.* Faun. Bor. Am. ii. p. 94. pl. 32.—*Audub.* Am. B. pl. 380; Orn. Biog. iv. p. 599.—*Peab.* B. Mass. p. 91.

**Nyctale richardsoni**, *Bonap.* Eur. & N. Am. B. p. 7; *Consp. Av.* p. 54.—*Gray*, Gen. B. fol. sp. 2.—*Cass.* B. Calif. & Tex. p. 185.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 105 (sub *tengmalmi*).

*Habitat*.—N. America. East of Rocky Mountains to lat. 60° N. Canada (resid.).

295. **NYCTALE ACADICA**, (Gmelin) 1789.—Mus.

**Strix passerina**, *Penn.* Arct. Zool. p. 236. sp. 126.—*Forst.* Phil. Trans. lxii. p. 385.—*Wils.* Am. Orn. pl. 34. f. 1.

**S. acadica**, *Gmel.* Syst. Nat. p. 296.—*Daud.* Tr. Orn. ii. p. 206.—*Vieill.* Ois. Am. Sept. i. p. 49.—*Audub.* Am. B. pl. 199; Orn. Biog. v. p. 397.—*Richards. & Swains.* Faun. Bor. Am. ii. p. 97.—*Bonap.* Ann. Lyc. N. York, ii. pp. 38, 436; *Isis*, 1832, p. 1140.—*Jard.* (Wils.) Am. Orn. ii. p. 66.—*Naum.*

Nat. Vög. Deutschl. ed. nov. i. p. 434. pl. 43. f. 1, 2.—*Peab.*  
B. Mass. p. 90.—*Nutt.* Man. Orn. U. S. & Canad. p. 137.

*S. acadiensis*, *Lath.* Ind. Orn. p. 65.—*Shaw*, Zool. vii. p. 266.

*S. albifrons*, *Shaw*, Nat. Misc. pl. 171 ; Zool. vii. p. 238. —  
*Lath.* Ind. Orn. Supp. p. 14.

*S. phalænoides*, *Daud.* Tr. Orn. ii. p. 206. — *Lath.* Ind. Orn.  
Supp. p. 16 ; Syn. Supp. ii. p. 66 ; Gen. Hist. i. p. 372.—  
*Vieill.* Ois. Am. Sept. pl. 15.—*Shaw*, Zool. vii. p. 268.

*S. frontalis*, *Licht.* Abh. Ak. Berl. 1838, p. 430.

*Bubo albifrons*, *Vieill.* Ois. Am. Sept. i. p. 54.

*Scops albifrons*, *Steph.* Zool. xiii. pt. 2. p. 51.

*Nyctale acadica*, *Bonap.* Eur. & N. Am. B. p. 7 ; Consp. Av.  
p. 44.—*Gray*, Gen. B. fol. App. p. 3.—*Kaup*, Monog. Strig.  
Cont. Orn. 1852, p. 104.

*N. albifrons*, *Cass.* B. Calif. & Tex. p. 187.—*Bonap.* Consp. Av.  
p. 54 (sub *N. acadica*).

*N. kirtlandi*, *Hoy*, Proc. Ac. Nat. Sc. Philad. vi. p. 210.

*Athene wilsoni*, *Boié*, Isis, 1828, p. 315.

*A. phalænoides*, *Gray*, Gen. B. fol. sp. 43.

*Ulula acadica*, *Bonap.* Oss. Cuv. Règ. An. p. 52 ; Isis, 1833,  
p. 1051.—*De Kay*, Zool. N. York, ii. p. 30. pl. 12. f. 23.

*U. passerina*, *James.* (Wils.) Am. Orn. i. p. 109.

*Scotophilus academicus*, *Swains.* Classif. B. ii. p. 217.

Acadian Owl, *Lath.* Syn. i. p. 149. pl. 5. f. 2 ; Gen. Hist. i.  
p. 368. pl. 14. f. 2.

White-fronted Owl, *Lath.* Syn. Supp. ii. p. 58 ; Gen. Hist. i.  
p. 326.

Booted Owl, *Lath.* Syn. Supp. ii. p. 66.

*Habitat.*—N. and Central parts of N. America. New Caledonia,  
lat. 50° N. (resid.) N. States (wint. acc.).

296. **NYCTALE SIJU**, (D'Orbigny) 1840.—Mus.

*Noctua siju*, *D'Orbig.* (R. Sagra) Hist. Nat. Cuba, Ois. p. 33.  
pl. 3.

*Athene siju*, *Gray*, Gen. B. fol. sp. 25.

*Habitat.*—Cuba.

297. **NYCTALE HARRISI**, Cassin, 1849.—Mus.

*Nyctale harrisi*, *Cass.* Proc. Ac. Nat. Sc. Philad. iv. p. 157 ;  
Journ. Ac. Nat. Sc. Philad. ii. p. 53. pl. 5.—*Gray*, Gen. B.  
fol. App. p. 30 a.

*Habitat*.—S. America ? (*J. G. Bell*, N. York.)

Genus **STRIX**, *Linnæus*. 1735.

298. **STRIX FLAMMEA**, *Linnæus*, 1766. — Mus. Strickland,  
No. 136. Jard., Brit.

*Aluco minor*, *Alb.* B. ii. pl. 11.

*A. flammeus*, *Flem.* Brit. An. p. 157. — *Mont.* Orn. Dict. ed.  
Renn. p. 22.—*Brünn.* Orn. Bor. p. 6.

*Strix aluco*, *Briss.* Orn. i. p. 503.

*S. flammea*, *Linn.* Syst. Nat. p. 133.—*Gmel.* Syst. Nat. p. 293.  
— *Lath.* Ind. Orn. p. 60 ; Syn. i. p. 138 ; Supp. i. p. 46 ;  
Supp. ii. p. 60 ; Gen. Hist. i. p. 355. — *Daud.* Tr. Orn. ii.  
p. 197.—*Shaw*, Zool. vii. pl. 33.—*Savig.* Desc. Egypt. i. p. 113.  
— *Steph.* Zool. xiii. pt. 2. p. 61. — *Bechst.* Naturg. Deutschl.  
ii. p. 947. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 79. —  
*Naum.* Nat. Vög. Deutschl. iv. p. 265. pl. 31. f. 52 ; ed. nov. i.  
p. 483. pl. 47. f. 2.—*Vieill.* Faun. Franç. p. 46. pl. 22. f. 1.—  
*Roux*, Orn. Prov. i. p. 81. pls. 54, 55.—*Brehm*, Vög. Deutschl.  
p. 106. — *Savi*, Cat. Ucc. Pisa, p. 12. no. 16. — *Breschet*,  
Ann. Sc. Nat. ser. 2. v. pl. 1. f. 5, 7 ; pl. 2 (anat.). — *Less.*  
Man. Orn. i. p. 114 ; Tr. Orn. p. 112.—*Cuv.* Règ. An. ed. 2.  
i. p. 342. — *Bonap.* Eur. & N. Am. B. p. 7 ; Cat. Ucc. Eur.  
p. 24. — *Gould*, Eur. B. pl. 36. — *Benn.* Gard. Zool. Soc. ii.  
p. 254. — *Swains.* Classif. B. ii. p. 216. — *Temm.* Man. Orn.  
pt. 1. p. 91, pt. 3. p. 48 ; Tab. Méth. p. 7.—*Wern.* Atl. Ois.  
Eur. — *Rüpp.* Neue Wirbelth. p. 45. — *Gray*, Gen. B. p. 6 ;  
ed. 2. p. 8 ; fol. sp. 1. pl. 15. f. 2.—*Baill.*, Orn. Sav. i. p. 188.  
— *Smith*, Ill. S. Af. Zool. (sub *S. capensis*, pl. 9). — *Webb &*  
*Berth.* Hist. Nat. Canar. Orn. p. 8. — *Müll.* Syst. Verz. Vög.  
Af. Cab. Journ. Orn. ii. p. 398.—*Bolle*, Bemerk. Vög. Canar.  
Ins. Cab. Journ. Orn. ii. p. 447.—*Degl.* Orn. Eur. i. p. 137.  
— *Kaluz.* Orn. Siles. p. 48.—*Siemss.* Handb. p. 32.—*Malh.*  
Faun. Sicil. p. 42. — *Mühle*, Orn. Griechl. p. 24. — *Benoit*,  
Orn. Sicil. p. 21. — *Schulz*, Faun. March. p. 255. — *Keyserl.*  
& *Blas.* Wirbelth. Eur. p. 31.—*Mont.* Orn. Dict. ii. & Supp.  
Owl, W.—*Penn.* Brit. Zool. ed. 8vo. 1812, i. p. 263.—*Bew.*  
Brit. B. ed. 1. i. p. 51.—*Selby*, Ill. Brit. Orn. i. p. 99. pl. 24.  
— *Farr.* Brit. B. i. p. 127. — *Jenyns*, Man. Brit. p. 92. —

*Macgill*. Rap. B. Brit. p. 343 ; Brit. B. iii. p. 473. — *Jard.* Brit. B. i. p. 253. pl. 27. — *Thomps.* B. Irel. i. p. 92. — *Watt.* B. Irel. p. 21. — *Baik. & Hedd.* Hist. Nat. Orcad. p. 31. — *Knox*, Orn. Suss. (Ramb.) p. 187. — *Harv.* Faun. & Fl. Cork, p. 5. — *Fox*, Synop. Newcast. Mus. p. 54. — *Morr.* Brit. B. p. 205. pl. 29. — *Savi*, Cat. Ucc. Pisa, p. 12. no. 16. — *Couch*, Faun. Cornw. p. 11. — *Leach*, Syst. Cat. Brit. Mus. p. 11. — *Borkh.* Teutsche Orn. pls. 125, 126, 127. — *Lubb.* Faun. Norf. p. 31. — *Schinz*, Faun. Helvet. p. 57. — *Donnd.* Orn. Beiträg. i. p. 164. — *Ranz.* Elem. Zool. iii. p. 158.

*S. alba*, *Scop.* Ann. 1st, p. 21. — *Gmel.* Syst. Nat. p. 293. — *Lath.* Ind. Orn. p. 61 ; Syn. i. p. 136. sp. 22 ; Gen. Hist. i. p. 346. — *Daud.* Tr. Orn. ii. p. 200. — *Sepp*, Nederl. Vög. iv. p. 375. — *Shaw*, Zool. vii. p. 247.

*S. guttata*, *Brehm*, Vög. Deutschl. p. 106.

*Stridula flammea*, *S.-Longch.* Faun. Belg. p. 60.

*L'Effraye*, *Levaill.* Ois. Af. i. p. 164.

*L'Effraye ou la Fresaye*, *Buff.* Pl. Enl. 440. — *Gérard.* Tab. Elem. Orn. i. p. 74.

*De Kerkuil*, *Sepp*, Nederl. Vög. iii. p. 299. — *Frisch*, Vög. Deutschl. pl. 97.

*Barbagianni*, *Savi*, Orn. Tosc. i. p. 82.

*Habitat.*—Europe. Ionian Isles. Madeira. Africa. Cape of Good Hope, Senegal.

298 a. **STRIX PRATINCOLA**, Bonaparte, 1838.—Mus. Brit. (sub perlata.)

*Strix flammea*, *Max.* Reis. Bras. ii. p. 265. — *Wils.* Am. Orn. pl. 50. f. 2. — *James.* (Wils.) Am. Orn. i. p. 111. — *Audub.* Am. B. pl. 171 ; Orn. Biog. ii. p. 403. — *Spix*, Av. Braz. i. p. 21. — *Fig.* Zool. Journ. iii. p. 438 ; Zool. Beech. Voy. p. 16. — *Bonap.* Ann. Lyc. N. York, ii. p. 38 ; Isis, 1832, p. 1140 ; Consp. Av. p. 55. — *Gray*, List B. Brit. Mus. 1844, p. 54. — *Nutt.* Man. Orn. U. S. & Canad. p. 139.

*S. pratincola*, *Bonap.* Eur. & N. Am. B. p. 7. — *Gray*, Gen. B. fol. sp. 2. — *Cass.* B. Calif. & Tex. p. 176. — *De Kay*, Zool. N. York, ii. p. 31. pl. 13. f. 28.

*S. perlata*, *Gray*, List B. Brit. Mus. 1848, p. 109.

*S. americana*, *Brew.* (Wils.) Am. Orn. p. 687. — *Audub.* Synop. B. Am. p. 24.

*Ulula flammea*, *Jard.* (Wils.) Am. Orn. ii. p. 264.

*Habitat.*—North parts of N. America.

299. **STRIX PERLATA**, Lichtenstein, 1823.—Mus. Jard., Leyden.

*Strix perlata*, *Licht. Verz. Doubl.* p. 59. — *D'Orbig.* Synop. Av. Mag. Zool. 1838 ; *Voy. Am. Mérid. Ois.* p. 135.—*Hartl.* Syst. Ind. Azar. p. 3.—*Gray*, Gen. B. fol. sp. 12. — *Bonap.* Consp. Av. p. 55.—*Tschudi*, Av. Consp. Wieg. Arch. 1844, p. 267.—*Max.* Beiträg. iii. p. 263 (syn. exc.).—*Bridg.* Proc. Zool. Soc. pt. 11. p. 110 ; *Ann. Nat. Hist.* xiii. p. 500.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 119.

*S. furcata*, *Temm.* Pl. Col. 432.—*D'Orbig.* (R. Sagra) Hist. Nat. Cuba, Ois. p. 34.

*S. flammea*, *Darw.* Zool. Beag. p. 34. — *Rob. Schomb.* Hist. Barbad. p. 681. — *Rich. Schomb.* Verz. Faun. Brit. Guian. p. 732.—*Spix*, Av. Braz. i. p. 21.

*Lechuza*, *Azar.* Pax. Par. i. p. 210. no. 46.

*Tuidara*, *Maregrave.*

*Habitat.*—S. America. Mexico, Brazil. Chili. W. Indies, Cuba, Jamaica, Trinidad (*Jardine*).

300. **STRIX JAVANICA**, Gmelin, 1789. — Mus. Strickland, Nos. 137 *a.* 137 *b.* Jard., Brit., E. Ind. Comp.

*Strix javanica*, *Gmel.* Syst. Nat. p. 295. — *Lath.* Ind. Orn. p. 64 ; *Gen. Hist.* i. p. 357. — *Daud.* Tr. Orn. ii. p. 202.—*Wurm.* Licht. Mag. x. p. 2. sp. 10.—*Horsf.* Linn. Trans. xiii. p. 139 ; *Isis*, 1825, p. 1055.—*Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 81 ; *Journ. As. Soc. Beng.* iii. p. 420. — *Vig.* Raffl. Life, p. 651.—*Less.* Man. Orn. i. p. 109.—*Jerd.* Madr. Journ. x. p. 85. — *Bonap.* Consp. Av. p. 55. — *Gray*, Gen. B. fol. sp. 5. pl. 15 ; *List B. Brit. Mus.* p. 109.

*S. flammea* A, *Lath.* Syn. Supp. ii. p. 61.

*S. flammea*, *Pears.* Journ. As. Soc. Beng. x. p. 630. — *Blyth*, Ann. Nat. Hist. xii. p. 93 ; *Journ. As. Soc. Beng.* xiv. p. 186.

*Phodilus javanica*, *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 513.

*Habitat.*—Java (*Horsfield*). Samoan Isles (*Strickland*). S. Asia, Dukhun (*Sykes*).

- 300 *a.* **STRIX DELICATULA**, Gould, 1836. — Mus. Strickland, Nos. 138 *a.* 138 *b.* Jard., Brit.

*Strix flammea*?, *Vig.* Linn. Trans. xv. p. 190 (syn. exc.).—*Less.* Ann. Sc. Nat. vi. ; *Isis*, 1832, p. 112.—*Bonap.* Consp. Av. p. 55.



*S. delicatula*, *Gould*, Proc. Zool. Soc. pt. 4. p. 140 ; Synop. B. Aust. pt. 3. pl. 50. f. 1 ; Intr. B. Aust. p. 23 ; B. Aust. i. pl. 31. — *Blyth*, Journ. As. Soc. Beng. xvii. p. 346. — *Gray*, List B. Brit. Mus. p. 109. — *Sturt*, Exp. Aust. App. p. 17. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 119.

*Habitat*.—New S. Wales, S.E. Australia. Navigators' Islands.

301. **STRIX CANDIDA**, Tickell, 1833.—Mus. Strickland, No. 139.

*Strix javanica*, *Lath.* Gen. Hist. i. p. 357. Desc. 2. — *Blyth*, Journ. As. Soc. Beng. xiv. p. 186.

*S. candidus*, *Tick.* Journ. As. Soc. Beng. ii. p. 572. — *Jerd.* Ill. Ind. Orn. pl. 30. — *Gray*, List B. Brit. Mus. p. 110. — *Bonap.* Consp. Av. p. 55. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 119.

*S. longimembris*, *Jerd.* Madr. Journ. x. p. 86. — *Tick.* Journ. As. Soc. Beng. xvii. p. 298. — *Gray*, Gen. B. fol. sp. 4.

*Glaux candida*, *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 513.

*Habitat*.—S. Asia, Borabhum.

302. **STRIX CASTANOPS**, Gould, 1836.—Mus. Brit.

*Strix castanops*, *Gould*, Proc. Zool. Soc. pt. 4. p. 140 ; Synop. B. Aust. pt. 3. pl. 49. f. 2 ; B. Aust. i. pl. 28 ; Intr. B. Aust. p. 23. — *Gray*, Gen. B. fol. sp. 8 ; List B. Brit. Mus. p. 110. — *Bonap.* Consp. Av. p. 54.

*Dactylostrix castanops*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 119.

*Habitat*.—Australia. Van Diemen's Land.

303. **STRIX NOVÆ HOLLANDIÆ**, Stephen, 1825.—Mus. Strickland, No. 140. Jard., Gould, Brit.

*Strix novæ hollandiæ*, *Steph.* Zool. xiii. pt. 2. p. 61.

*S. personata*, *Fig.* Proc. Comm. Zool. Soc. pt. 1. p. 50. — *Gould*, Synop. B. Aust. pt. 3. pl. 49. f. 1 ; Intr. B. Aust. p. 23 ; B. Aust. i. pl. 29. — *Gray*, Gen. B. fol. sp. 3. — *Sturt*, Exp. Aust. App. p. 16. — *Bonap.* Consp. Av. p. 54.

*S. cyclops*, *Gould*, Proc. Zool. Soc. pt. 4. p. 140 ; Synop. B. Aust. pt. 3. pl. 50. f. 2. — *Gray*, Gen. B. fol. sp. 9.

*Dactylostrix personata*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 119.



White-faced Owl, *Lath.* Gen. Hist. i. p. 334.

Mouse Owl, *Lath.* Gen. Hist. i. p. 358.

*Habitat.*—Australia. New S. Wales.

304. **STRIX CAPENSIS**, Smith, 1812.—Mus. Jard., Brit.

*Strix capensis*, *Smith*, S. Af. Quart. Journ. ; Zool. S. Af. pl. 9.  
— *Gray*, Gen. B. fol. sp. 6 ; List B. Brit. Mus. p. 110. —  
*Bonap.* Consp. Av. p. 55. — *Müll.* Syst. Verz. Vög. Af. Cab.  
Journ. Orn. ii. p. 398.

*Habitat.*—S. Africa. Madeira (Mus. Jardine).

304 a. **STRIX POENSIS**, Fraser, 1842.—Mus.

*Strix poensis*, *Fraser*, Proc. Zool. Soc. pt. 10. p. 189 ; Ann.  
Nat. Hist. xii. p. 366. — *Gray*, Gen. B. fol. sp. 7. — *Bonap.*  
Consp. Av. (quid) sub *S. capensis*, p. 55.—*Müll.* Syst. Verz.  
Vög. Af. Cab. Journ. Orn. ii. p. 398.

*Habitat.*—Fernando Po (*Fraser*).

305. **STRIX PUNCTATISSIMA**, Gray, 1838. — Mus. Strickland,  
No. 141. Brit.

*Strix punctatissima*, *Gray*, Darw. Zool. Beag. pt. 3. p. 34.  
pl. 4 ; Gen. B. fol. sp. 10 ; List B. Brit. Mus. p. 110. —  
*Bonap.* Consp. Av. p. 55.

*Habitat.*—Para. Galapagos, James Island.

306. **STRIX TENEBRICOSA**, Gould, 1845.—Mus.

*Strix tenebrius*, *Gould*, Proc. Zool. Soc. pt. 13. p. 80 ; B.  
Aust. i. pl. 30 ; Intr. B. Aust. p. 23. — *Bonap.* Consp. Av.  
p. 54.

*Megastrix tenebrius*, *Kaup*, Monog. Strig. Cont. Orn. 1852,  
p. 120.

*Habitat.*—Australia, E. coast.

307. **STRIX LEUCOMANNA**, Eversmann, 1839.—Mus.

*Strix leucomanna*, *Eversm.* Isis, 1839, p. 70. — *Gray*, Gen. B.  
fol. sp. 11.

*Habitat.*— — ?

308. **STRIX CAYENNENSIS**, Gmelin, 1789.—Mus.

*Strix cayennensis*, *Gmel. Syst. Nat.* p. 296. — *Lath. Ind. Orn.* p. 64 ; *Syn. i.* p. 146. sp. 35 ; *Gen. Hist. i.* p. 357. — *Shaw, Zool. vii.* p. 261. pl. 34.—*Temm. Tab. Méth.* p. 7. — *Donnd. Orn. Beiträg. i.* p. 176.

*Noctua cayanensis*, *Steph. Zool. xiii.* pt. 2. p. 67.—*Less. Man. Orn. i.* p. 111 ; *Tr. Orn.* p. 105. — *Cuv. Règ. An. ed. 2. i.* p. 346.

*Athene cayennensis*, *Gray, Gen. B. fol. sp.* 21 ; *App.* p. 3.

*Syrnium cayennense*, *Bonap. Consp. Av.* p. 52.

*S. cayanense*, *Kaup, Monog. Strig. Cont. Orn.* 1852, p. 120.

*Chathuant de Cayenne*, *Buff. Pl. Enl.* 442.

*Habitat.*—Cayenne.

Genus **PHODILUS**, *Geoffroy*. 1830.309. **PHODILUS BADIUS**, (Horsfield) 1821.—Mus. Strickland, No. 142. *Brit., Zool. Soc., E. Ind. Comp., Paris.*

*Strix badia*, *Horsf. Zool. Res. pl.* 37 ; *Linn. Trans. xiii.* p. 139 ; *Isis*, 1825, pp. 698, 1055.—*Temm. Pl. Col.* 318.—*Less. Man. Orn. i.* p. 114 ; *Tr. Orn.* p. 112. — *Cuv. Règ. An. ed. 2. i.* p. 342.—*Fig. Raffl. Life*, p. 651.—*Lath. Gen. Hist. i.* p. 353. — *Swains. Classif. B. ii.* p. 216.

*Athene badia*, *Hodgs. Gray, Zool. Misc.* p. 82.

*Phodilus badius*, *I. Geoff. Ann. Sc. Nat. xxi.* p. 201. — *Blyth, Journ. As. Soc. Beng. xix. n. s.* p. 513.—*Gray, Gen. B.* p. 6 ; *ed. 2.* p. 8 ; *Gen. B. fol. sp. 1.* pl. 15. f. 1 ; *List B. Brit. Mus.* p. 110 ; *Gen. & Subgen. Brit. Mus.* p. 10. — *Bonap. Consp. Av.* p. 55. — *Hodgs. Cat. Nep. B.* p. 53. — *Dillw. Nat. Hist. Lab.* p. 8.—*Kaup, Monog. Strig. Cont. Orn.* 1852, p. 118.

*Habitat.*—S. Asia. Nepal, Ramree, Malacca, Java, Sumatra, Labuan, Singapore.

Genus **SURNIA**, *Duméril*. 1806.310. **SURNIA FUNEREA**, (Linnæus) 1761.—Mus. Strickland, Nos. 143 *a.* 143 *b.* 143 *c.* *Jard., Brit., Zool. Soc., Edinb.*

*Strix canadensis*, *Briss. Orn. i.* p. 518. pl. 37. f. 2. — *Shaw, Zool. vii.* p. 273.

- S. freti hudsonis*, *Briss.* Orn. i. p. 520.
- S. ulula*, *Linn.* Syst. Nat. p. 133.—*Donnd.* Orn. Beiträg. i. p. 169.  
—*Nilss.* Skand. Faun. i. p. 64.
- S. funerea*, *Linn.* Faun. Suec. (1761) p. 25. no. 75.—*Gmel.* Syst. Nat. i. p. 294.—*Lath.* Ind. Orn. p. 62; *Syn.* i. p. 142; *Supp.* i. p. 47; *Gen. Hist.* i. p. 349. — *Daud.* Tr. Orn. ii. p. 183; *Ann. Mus. Hist. Nat.* ii. p. 248. — *Forst.* Phil. Trans. lxii. p. 385. — *Richards.* & *Swains.* Faun. Bor. Am. ii. p. 92. — *Audub.* Am. B. pl. 378; Orn. Biog. iv. p. 550.—*Temm.* Man. Orn. pt. 1. p. 86, pt. 3. p. 47; *Tab. Méth.* p. 6.—*Wern.* Atl. Ois. Eur.—*Bonap.* Ann. Lyc. N. York, ii. p. 35; *Isis*, 1832, p. 1139. — *Brew.* (Wils.) Am. Orn. p. 686. — *Donnd.* Orn. Beiträg. i. p. 172.—*S.-Longch.* Faun. Belg. p. 58.—*Thomps.* Hist. Verm. p. 64.—*Peab.* B. Mass. iii. p. 83.—*Nilss.* Skand. Faun. 1835, p. 80.—*Morr.* Brit. B. i. p. 224. pl. 32. — *Sab.* Frankl. Narr. App. p. 671.
- S. hudsonia*, *Gmel.* Syst. Nat. p. 295.—*Wils.* Am. Orn. pl. 50. f. 6.—*Shaw*, Zool. vii. p. 274.—*Vieill.* Ois. Am. Sept. i. p. 50.  
—*Donnd.* Orn. Beiträg. i. p. 173.
- S. doliata*, *Pall.* Zoog. Ross. As. i. p. 316. pl. 1.
- S. ulula*  $\beta$ , *Lath.* Ind. Orn. p. 60.—*Shaw*, Zool. vii. p. 272.
- S. funerea*  $\beta$ , *Lath.* Ind. Orn. p. 63; *Syn.* i. p. 143; *Supp.* i. p. 47, *Gen. Hist.* i. p. 350 A.
- S. accipitrina*, *Bechst.* Vög. Deutschl. ii. p. 372. pl. 12.
- S. nisoria*, *Bechst.* Naturg. Deutschl. ii. p. 984. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 84; Vög. Liv. u. Esthl. p. 31. sp. 3. — *Naum.* Nat. Vög. Deutschl. Nachtr. p. 248. pl. 34. f. 67; ed. nov. i. p. 427. pl. 42. f. 2.
- S. uralensis*, *Shaw*, Zool. vii. p. 277. pl. 35.
- Surnia funerea*, *Dum.* Zool. Anal. p. 34. — *Bonap.* Eur. & N. Am. B. p. 6. — *Gould*, Eur. B. pl. 45. — *Less.* Man. Orn. i. p. 110. — *Swains.* Classif. B. ii. p. 218. — *Brehm*, Vög. Deutschl. p. 101.—*Jard.* (Wils.) Am. Orn. ii. p. 270; *Brit.* B. i. p. 314.—*Gray*, Gen. B. p. 5; ed. 2. p. 7.—*De Kay*, Zool. N. York, ii. p. 21. pl. 9. f. 19.—*Audub.* Synop. B. Am. p. 21. — *Nutt.* Man. Orn. U. S. & Canad. p. 114.
- S. canadensis*, *Steph.* Zool. xiii. pt. 2. p. 62.
- S. borealis*, *Less.* Tr. Orn. p. 100.
- S. ulula*, *Bonap.* Cat. Ucc. Eur. p. 22; *Consp. Av.* p. 36. — *Gray*, Gen. B. fol. sp. 1. pl. 12. f. 1.—*Cass.* B. Calif. & Tex. p. 191.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 107.
- S. hudsonia*, *James.* (Wils.) Am. Orn. i. p. 90.

*Syrnia funerea*, *Macgill*. Brit. B. iii. p. 404.

*Noctua nisoria*, *Cuv.* Règ. An. ed. 2. i. p. 344.

*N. funerea*, *Farr.* B. Brit. i. p. 139. — *Couch*, Faun. Cornw. p. 12.

Chouette à longue queue de Sibérie, *Buff.* Pl. Enl. 463 ; Ois. ed. Sonn. iv. pl. 30. f. 1.

Chouette épervière, *Buff.* Ois. ed. Sonn. iv. p. 128.

Sperbereule, *Meyer*, Ann. Wetterau. i. p. 268.

Little Hawk Owl, *Edw.* B. pl. 62.

Hawk Owl, *Penn.* Arct. Zool. p. 234. sp. 123.

*Habitat*.—N. Europe. N. parts of N. America. Siberia. N. America to lat. 68° N. (resid.) United States (wint. acc.).

311. **SURNIA CHOUCOU**, (Daudin) 1800.—Mus.

*Strix choucou*, *Daud.* Tr. Orn. ii. p. 186. — *Lath.* Ind. Orn. Supp. p. 14 ; Syn. Supp. ii. p. 61 ; Gen. Hist. i. p. 333. — *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 26 ; Enc. Méth. iii. p. 1290.—*Bonap.* Consp. Av. p. 36 (quid).

*S. africana*, *Shaw*, Zool. vii. p. 278. — *Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 396.

*Surnia africana*, *Steph.* Zool. xiii. pt. 2. p. 62.

*Surnia*, *Less.* Man. Orn. i. p. 110.

*S. choucou*, *Less.* Tr. Orn. p. 100.—*Gray*, Gen. B. fol. sp. 2.

*Noctua*, *Cuv.* Règ. An. ed. 2. i. p. 345.

Le Choucou, *Levaill.* Ois. Af. pl. 38.

*Habitat*.—S. Africa, Auteniquoi.

312. **SURNIA NISUELLA**, (Daudin) 1800.—Mus.

*Strix nisuella*, *Daud.* Tr. Orn. ii. p. 187. — *Lath.* Ind. Orn. Supp. p. 14 ; Syn. Supp. ii. p. 62 ; Gen. Hist. i. p. 335. — *Shaw*, Zool. vii. p. 279. — *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 20 ; Enc. Méth. iii. p. 1284. — *Bonap.* Consp. Av. p. 36 (quid).

*Surnia nisuella*, *Steph.* Zool. xiii. pt. 2. p. 62.—*Less.* Tr. Orn. p. 101. — *Gray*, Gen. B. fol. sp. 3. — *Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 396.

*Choucoughou*, *Levaill.* Ois. Af. pl. 39.

*Habitat*.—S. Africa. Great Namaquas. Orange River.

Genus **SYRNIUM**, *Savigny*. 1809.

313. **SYRNIUM ALUCO**, (Linnæus) 1766. — Mus. Strickland, Nos. 144 *a*. 144 *b*. Brit.

*Strix*, *Albin*, B. i. pl. 9.—*Briss*. Orn. i. p. 500.

*S. ulula*, *Briss*. Orn. i. p. 507.

*S. aluco*, *Linn*. Syst. Nat. p. 132.—*Gmel*. Syst. Nat. p. 292.—*Tengm*. Svensk. Ak. Nya Handl. ; Schw. Ak. Neue Abhandl. iii. p. 131.—*Lath*. Ind. Orn. p. 59 ; Syn. i. p. 134 ; Gen. Hist. i. p. 344 A. — *Shaw*, Zool. vii. p. 255. — *Temm*. Man. Orn. pt. 1. p. 89, pt. 3. p. 48 ; Tab. Méth. p. 6. — *Vieill*. Faun. Franç. p. 45. pl. 21. f. 2. — *Bechst*. Naturg. Deutschl. ii. p. 910.—*Borkh*. Teutsche Orn. pt. 7. pls. 37, 38, 39.—*Frisch*, Vög. Deutschl. pls. 94, 95, 96. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 76 ; Vög. Liv. u. Esthl. p. 35.—*Naum*. Nat. Vög. Deutschl. iv. p. 260. pls. 30, 31. f. 50, 51 ; ed. nov. i. p. 473. pls. 46, 47. f. 1.—*Wern*. Atl. Ois. Eur.—*Roux*, Orn. Prov. i. p. 76. pls. 50, 51, 52. — *Brehm*, Vög. Deutschl. p. 116. — *Bailly*, Orn. Sav. i. p. 182.—*Nutt*. Man. Orn. U. S. & Canad. p. 135.—*Couch*, Faun. Cornw. p. 12.—*Penn*. Brit. Zool. 8vo. 1812, i. p. 268. pl. 33. — *Fox*, Synop. Newcastle. Mus. p. 54. — *Mont*. Orn. Dict. ed. Renn. p. 505.—*Schinz*, Faun. Helvet. p. 56.

*S. stridula*, *Linn*. Syst. Nat. p. 133.—*Gmel*. Syst. Nat. p. 133. — *Lath*. Ind. Orn. p. 58 ; Syn. i. p. 139 ; Gen. Hist. i. p. 343. — *Penn*. Arct. Zool. ii. p. 237.—*Daud*. Tr. Orn. ii. p. 194.—*Bechst*. Vög. Deutschl. ii. p. 356.—*Vieill*. Nouv. Dict. Hist. Nat. vii. p. 23 ; Faun. Franç. p. 44. pl. 21. f. 1. — *Breschet*, Ann. Sc. Nat. ser. 2. v. pl. 1. f. 10, 13 (anat.). — *Farr*. Brit. B. i. p. 131.—*Flem*. Brit. An. p. 57.—*Bew*. Brit. B. 1826, i. p. 63.—*Baik*. & *Hedd*. Hist. Nat. Orcad. p. 32.—*Mont*. Orn. Dict. ii. & Supp. Owl.—*Leach*, Syst. Cat. Brit. Mus. p. 11.—*Lubb*. Faun. Norf. p. 31. — *Garn*. Nat. Hist. Staff. p. 72. — *Scop*. Ann. 1st. p. 21.

*S. soloniensis*, *Gmel*. Syst. Nat. p. 292. sp. 33.—*Shaw*, Zool. vii. p. 262.

*S. sylvestris*, *Gmel*. Syst. Nat. p. 292. sp. 29.—*Daud*. Tr. Orn. ii. p. 199.—*Lath*. Ind. Orn. p. 61 ; Syn. i. p. 136 ; Gen. Hist. i. p. 345.

*S. noctua*, *Gmel*. Syst. Nat. p. 293. sp. 31. — *Lath*. Ind. Orn. p. 61 ; Syn. i. p. 136. sp. 23 ; Gen. Hist. i. p. 346. — *Daud*. Tr. Orn. ii. p. 200.—*Shaw*, Zool. vii. p. 252.

*S. rufa*, *Gmel*. Syst. Nat. p. 293. sp. 32.—*Lath*. Ind. Orn. p. 62 ;

Syn. i. p. 137. sp. 24 ; Gen. Hist. i. p. 346.—*Daud.* Tr. Orn. ii. p. 200.—*Shaw*, Zool. vii. p. 252.

*S. sologniensis*, *Lath.* Ind. Orn. p. 62 ; Syn. i. p. 137. sp. 25 ; Gen. Hist. i. p. 347.

*S. austriaca*, *Shaw*, Zool. vii. p. 247.

*S. sylvatica*, *Shaw*, Zool. vii. p. 253.

*Syrnium ululans*, *Savig.* Desc. Egyp. pt. 1. p. 112.

*S. stridulum*, *Steph.* Zool. xiii. pt. 2. p. 62. — *Brehm*, Vög. Deutschl. p. 117.

*S. aluco*, *Boié.*—*Less.* Man. Orn. i. p. 114 ; Tr. Orn. p. 113. pl. 17. f. 2.—*Cuv.* Règ. An. ed. 2. i. p. 343.—*Bonap.* Eur. & N. Am. B. p. 6 ; Cat. Ucc. Eur. p. 23 ; Consp. Av. p. 51. — *Gray*, Gen. B. p. 6 ; ed. 2. p. 8 ; fol. sp. 1. pl. 14. f. 2 ; List B. Brit. Mus. p. 102.—*Gould*, Eur. B. pl. 47.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 121.—*Jenyns*, Man. Brit. p. 93.—*Thomps.* B. Irel. i. p. 94. — *Knox*, Orn. Suss. (Ramb.) p. 186. — *S.-Longch.* Faun. Belg. p. 59.

*S. macrocephalum et aluco*, *Brehm*, Isis, 1833, p. 853.

*Ulula aluco*, *Macgill.* Brit. B. iii. p. 338.

*U. stridula*, *Selby*, Ill. Brit. Orn. i. p. 102. pl. 25.—*Jard.* Brit. B. i. p. 263.—*Morr.* Brit. B. i. p. 200. pl. 28.

*Aluco stridulus*, *Macgill.* Rap. B. Brit. p. 367.

*Gufo Salvatico*, *Savi*, Orn. Tosc. i. p. 80.

*La Chathuant*, *Buff.* Pl. Enl. 437. — *Gérard.* Tab. Elem. Orn. p. 73.

*La Hulote*, *Buff.* Pl. Enl. 441.—*Gérard.* Tab. Elem. Orn. p. 70.

*La Chouette de Sologne*, *Buff.* Ois. ed. Sonn. iv. p. 111.

*Black Owl*, *Albin*, B. iii. pl. 8.

*Habitat.*—Europe.

313 a. **SYRNIUM NIVICOLUM**, Hodgson, 1831.—Mus. Brit.

*Mesomorpha nivicola*, *Hodgs.* Gray, Zool. Misc. p. 82.

*Urrua nivicola*, *Hodgs.* Journ. As. Soc. Beng. xiv. p. 185. — *Gray*, List B. Brit. Mus. p. 102.

*Syrnium niviculum*, *Blyth*, Journ. As. Soc. Beng. xiv. pp. 185, 550 ; xv. p. 9 ; xvi. p. 464. — *Hodgs.* Cat. Nep. B. p. 52.—*Gray*, Gen. B. fol. App. p. 3. — *Bonap.* Consp. Av. p. 51.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 121 ; Cat. Mus. E.I.C. i. p. 84.



*S. aluco*? **Himal. var.**, *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 514.

*Habitat*.—S. Asia. Nepal, Simla, Darjeeling.

314. **SYRNIUM LAPPONICUM**, (Retzius) 1800.—Mus. Strickland, No. 145. Brit., Zool. Soc., Edinb.

*Strix lapponica*, *Retz.* Faun. Suec. p. 79. sp. 30.—*Sparm.* Mus. Carls. pt. 5 (quot. from Retz. F. S.). — *Nilss.* Orn. Suec. i. p. 58. — *Meyer*, Taschenb. deutsch. Vögelk. iii. p. 20; Zusätze, p. 20.—*Temm.* Man. Orn. pt. 1. p. 81; pt. 3. p. 44.—*Wern.* Atl. Ois. Eur.—*Tyzenhauz.* Rev. Zool. 1851, p. 576.

*S. fuliginosa*, *Shaw*, Zool. vii. p. 244; Mus. Lev. ii. p. 23. pl. 66.

*S. barbata*, *Pall.* Zoog. Ross. As. i. p. 318. pl. 2.

*S. microphthalma*, *Tyzenhauz.* Orn. Powszech.

*Lapponica uggla*, *Nilss.* Skand. Faun. pl. 71.

*Ulula lapponica*, *Less.* Man. Orn. i. p. 113; Tr. Orn. p. 108.—*Cuv.* Règ. An. ed. 2. i. p. 342.—*Gray*, Gen. B. p. 6.

*U. cinerea*, *Bonap.* Consp. Av. p. 53 (syns. exc.).

*Syrnium cinereum*, *Bonap.* Eur. & N. Am. B. p. 6; Cat. Ucc. Eur. p. 23; Oss. *Cuv.* Règ. An. p. 43. — *Gray*, Gen. B. fol. sp. 2; List B. Brit. Mus. p. 103 (syns. exc.).—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 121 (syns. exc.).

*S. microphthalmum*, *Gray*, Gen. B. fol. sp. 10.

*Surnia lapponica*, *Gould*, Eur. B. pl. 42.

*Habitat*.—N. Europe, Lapland.

315. **SYRNIUM CINEREUM**, (Gmelin) 1789.—Mus.

*Strix cinerea*, *Gmel.* Syst. Nat. p. 291.—*Lath.* Ind. Orn. p. 58; Syn. i. p. 134; Supp. i. p. 45; Gen. Hist. i. p. 337.—*Vieill.* Nouv. Dict. Hist. Nat. vii. p. 23; Enc. Méth. iii. p. 1289; Ois. Am. Sept. i. p. 48. — *Richards. & Swains.* Faun. Bor. Am. ii. pl. 31. — *Bonap.* Ann. Lyc. N. York, ii. p. 436; Isis, 1832, p. 1140. — *Audub.* Am. B. pl. 351; Orn. Biog. iv. p. 364. — *Nutt.* Man. Orn. U. S. & Canad. p. 128.—*Tyzenhauz.* Rev. Zool. 1851, p. 571.

*S. acclamator*, *Bartram*, Trav. p. 285.

*Syrnium cinereum*, *Audub.* Synop. B. N. Am. p. 26.—*Cass.* B. Calif. & Tex. p. 184 (syns. exc.). — *Brew.* (Wils.) Am. Orn. p. 687.—*De Kay*, Zool. N. York, ii. p. 26. pl. 13. f. 29.



*Scotiaptex cinerea*, *Swains.* Classif. B. ii. p. 217.

*Sooty Owl*, *Penn. Arct. Zool.* ii. p. 232.

*Habitat.*—N. America, Canada, United States. Greenland.

316. **SYRNIUM NEBULOSUM**, (Forster) 1772.—Mus. Strickland, Nos. 146 *a.* 146 *b.* Jard.

*Strix nebulosa*, *Forst.* Phil. Trans. xxii. pp. 386, 424.—*Gmel.* Syst. Nat. p. 291. — *Lath.* Ind. Orn. p. 58; Syn. i. p. 133; Gen. Hist. i. p. 338.—*Daud.* Tr. Orn. ii. p. 191.—*Shaw*, Zool. vii. p. 245; Nat. Misc. pl. 25.—*Vieill.* Ois. Am. Sept. pl. 17; Nouv. Dict. Hist. Nat. vii. p. 32; Enc. Méth. iii. p. 1292.—*Audub.* Am. B. pl. 46; Orn. Biog. i. p. 242. — *Temm.* Man. Orn. pt. 1. p. 88; pt. 3. p. 47. — *Wern.* Atl. Ois. Eur. — *Meyer*, Taschenb. deutsch. Vögelk. iii. p. 21; Zusätze, p. 21. — *Wils.* Am. Orn. pl. 33. f. 2. — *Richards.* & *Swains.* Faun. Bor. Am. ii. p. 81.—*Bonap.* Ann. Lyc. N. York, ii. p. 38; Isis, 1832, p. 1140.—*Jard.* (Wils.) Am. Orn. ii. p. 57.

*Ulula nebulosa*, *Steph.* Zool. xiii. pt. 2. p. 60.—*Cuv.* Règ. An. ed. 2. i. p. 342. — *James.* (Wils.) Am. Orn. i. p. 107; iv. p. 280.—*Bonap.* Eur. & N. Am. B. p. 7; Cat. Ucc. Eur. p. 24. — *Gould*, Eur. B. pl. 46.—*Less.* Man. Orn. i. p. 113; Tr. Orn. p. 108.—*Gray*, Gen. B. ed. 2. p. 8.—*De Kay*, Zool. N. York, ii. p. 29. pl. 10. f. 21.

*U. nebulosa*, *Bonap.* Consp. Av. p. 53.

*Syrnium nebulosum*, *Gray*, Gen. B. fol. sp. 9; List B. Brit. Mus. p. 104. — *Cass.* B. Calif. & Tex. p. 184. — *Giraud*, B. Long Isld. p. 24.—*Woodh.* (Sitg.) Exp. Zuni & Colorad. p. 63. — *Brew.* (Wils.) Am. Orn. p. 687. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 121.

*Chouette nébuleuse*, *Buff.* Ois. ed. Sonn. iv. p. 202.

*Barred Owl*, *Penn. Arct. Zool.* ii. p. 234. pl. 11.

*Habitat.*—N. Europe. N. part of North America. United States (resid.).

317. **SYRNIUM URALENSE**, (Pallas) 1771.—Mus. Strickland, No. 147. Brit., Leyden, Vienna.

*Strix uralensis*, *Pall.* Itin. i. p. 455; Vög. App. p. 29. no. 25. — *Lepechin*, Itin. ii. p. 187. pl. 3. — *Gmel.* Syst. Nat. p. 295 (exc. Buff. syn.).—*Daud.* Tr. Orn. ii. p. 184; Ann. Wetterau. i. p. 330.—*Temm.* Pl. Col. 27; Man. Orn. pt. 1. p. 84; pt. 3. p. 46.—*Nilss.* Orn. Succ. i. p. 59.—*Naum.* Nat. Vög. Deutschl. Nachtr. p. 245. pl. 34. f. 66; ed. nov. i. p. 422. pl. 42. f. 1.—*Wern.* Atl. Ois. Eur.

*S. liturata*, *Retz.* Faun. Suec. p. 79 (syns. exc.). — *Lath.* Gen. Hist. i. p. 332.—*Nilss.* Orn. Suec. i. p. 59.

*S. funerea*  $\gamma$ , *Lath.* Ind. Orn. p. 63 ; Syn. i. p. 148 ; Gen. Hist. i. p. 350 B.

*S. macroura*, *Natter.* in Meyer & Wolf. Taschenb. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 84 ; Zusätze, p. 19 ; Vög. Liv. u. Esthl. p. 29.

*S. macrocephala*, *Meisner*, Vög. der Schweiz ; Mus. Naturg. Helvet. pt. 8.

*Syrnium uralense*, *Boié.* — *Bonap.* Eur. & N. Am. B. p. 6. — *Brehm*, Vög. Deutschl. p. 115. no. 1. — *Less.* Man. Orn. i. p. 115.—*Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 104. — *Bonap.* Consp. Av. p. 53.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 121.

*S. macrocephalon*, *Brehm*, Vög. Deutschl. p. 115. no. 2.

*Surnia uralensis*, *Steph.* Zool. xiii. pt. 2. pl. 40.—*Less.* Tr. Orn. p. 100.—*Gould*, Eur. B. pl. 44.

*Ulula liturata*, *Steph.* Zool. xiii. pt. 2. p. 60.

*Noctua uralensis*, *Cuv.* Règ. An. ed. 2. i. p. 344.

*Scotiaptex uralensis*, *Swains.* Classif. B. ii. p. 217.

*Ptynx uralensis*, *Gray*, Gen. B. ed. 2. p. 8.—*Bonap.* Cat. Ucc. Eur. p. 23.

*La Chouette de Monts Urals*, *Buff.* Ois. ed. Sonn. iv. p. 132 (exc. fig.).

*Die Ural Habichtseule*, *Bechst.* Naturg. Deutschl. ii. p. 988. var. 2.

*Habitat.*—N.E. Europe.

318. **SYRNIUM FUSCESCENS**, Temminck & Schlegel, 1850. — Mus.

*Syrnium fuscescens*, *Temm.* Faun. Jap. p. 30. pl. 10. — *Gray*, Gen. B. fol. sp. 4.—*Bonap.* Consp. Av. p. 53.

*Habitat.*—E. Asia. Japan.

319. **SYRNIUM SINENSE**, (Latham) 1801. — Mus. Strickland, No. 148. Jard.

*Strix sinensis*, *Lath.* Ind. Orn. Supp. p. 16 ; Syn. Supp. ii. p. 368 ; Gen. Hist. i. p. 359.—*Gray*, Ind. Zool. i. pl. 21.—*Vieill.* Nouv. Diet. Hist. Nat. vii. p. 38 ; Enc. Méth. iii. p. 1283.

*S. orientalis*, *Shaw*, Zool. vii. p. 257.

*Syrnium ocellatum*, *Less.* Rev. Zool. 1839, p. 289. — *Gray*, Gen. B. fol. sp. 5.

*S. sinense*, *Blyth*, Journ. As. Soc. Beng. xi. p. 162; n. s. xix. p. 512. — *Gray*, Gen. B. fol. sp. 7; List B. Brit. Mus. p. 105; Cat. Mus. E.I.C. i. p. 82. — *Bonap.* Consp. Av. p. 52.

*Bulaca sinensis*, *Gray*, List B. Brit. Mus. 1844, p. 43. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 122.

*Habitat.*—S. Asia. Bengal. S. India. China (*Latham*).

320. **SYRNIUM PHILIPPENSE**, *Gray*, 1844.—Mus. Brit.

*Scops philippensis*, *Gray*, List B. Brit. Mus. 1844, p. 45.

*Syrnium philippense*, *Gray*, List B. Brit. Mus. 1848, p. 105. — *Bonap.* Consp. Av. p. 52.

*Bubo philippensis*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 117.

*Habitat.*—Philippine Isles.

321. **SYRNIUM SELO-PUTO**, (*Horsfield*) 1821.—Mus. Jard., E. Ind. Comp., Paris, Leyden.

*Strix selo-puto*, *Horsf.* Linn. Trans. xiii. p. 140; Isis, 1825, p. 1055; Zool. Res. Jav. Cat. Intr.—*Vig. Raffl.* Life, p. 651. *Lath.* Gen. Hist. i. p. 354. — *Less.* Man. Orn. i. p. 109.

*S. pagodarum*, *Temm.* Pl. Col. 230.

*Noctua pagodarum*, *Steph.* Zool. xiii. pt. 2. p. 65.

*Ulula* ? *pagodarum*, *Less.* Man. Orn. i. p. 113; Tr. Orn. p. 108.

*Syrnium pagodarum*, *Cuv.* Règ. An. ed. 2. i. p. 343.

*S. seloputo*, *Gray*, Gen. B. fol. sp. 8. — *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 512; Cat. Mus. E.I.C. i. p. 84.

*Bulaca sinensis*, *Jerd.* Madr. Journ. x. p. 88.

*B. seloputo*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 122.

*Ciccaba pagodarum*, *Bonap.* Consp. Av. p. 44.

*Habitat.*—Java. Malabar.

322. **SYRNIUM INDRANEE**, (*Sykes*) 1851.—Mus. Brit.

*Strix indranee*, *Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 82; Journ. As. Soc. Beng. iii. p. 421.

*Bulaca newarensis*, *Hodgs.* As. Res. xix. p. 168 ; *Journ. As. Soc. Beng.* vi. p. 372. — *Blyth*, *Journ. As. Soc. Beng.* xvi. p. 463.—*Gray*, *Gen. B.* p. 6 ; ed. 2. p. 8.

*B. monticola*, *Jerd.*—*Blyth*, *Journ. As. Soc. Beng.* xi. p. 197 ; xiii. p. 119.

*B. indranee*, *Kaup*, *Monog. Strig. Cont. Orn.* 1852, p. 121.

*Mesidus*, *Hodgs.* *Journ. As. Soc. Beng.* x. p. 28.

*Syrnium newarens*, *Gray*, *Gen. B. fol. sp.* 6. pl. 14.

*S. indranee*, *Gray*, *Hodgs. Cat. B. Nep.* p. 52 ; *List B. Brit. Mus.* p. 104.—*Bonap.* *Consp. Av.* p. 51.—*Blyth*, *Journ. As. Soc. Beng. n. s.* xix. p. 512 ; *Cat. Mus. E.I.C. i.* p. 83.—*Ke-laart*, *Prod. Faun. Zeyl.* p. 30.

*Habitat.*—S. Asia. India, Nepal, Malacca.

323. **SYRNIUM HYLOPHILUS**, (Temminck) 1826.—*Mus. Brit.*, Paris, Leyden, Vienna.

*Strix hylophila*, *Temm.* *Pl. Col.* 373.

*Noctua*, *Less.* *Man. Orn. i.* p. 112.

*N. melanota*, *Tschudi*, *Av. Consp. Wieg. Arch.* 1844, p. 267 ; *Rev. Zool.* 1849, p. 101.

*Ulula ? hylophila*, *Gray*, *List B. Brit. Mus.* 1844, p. 47.

*Athene melanonotus*, *Tschudi*, *Faun. Per.* p. 114. pl. 4.—*Gray*, *Gen. B. fol. sp.* 27.

*Syrnium hylophilum*, *Gray*, *Gen. B. fol. sp.* 11 ; *List B. Brit. Mus.* 1848, p. 103. — *Bonap.* *Consp. Av.* p. 52. — *Kaup*, *Monog. Strig. Cont. Orn.* 1852, p. 120.

*Habitat.*—S. America. Brazil. Peru.

323 a. **SYRNIUM FASCIATUM**, Des Murs, 1847.—*Mus.*

*Syrnium fasciatum*, *Des Murs*, *Iconog. Orn.* xxxvii. — *Gray*, *Gen. B. fol. sp.* p. 30 a.

*Habitat.*—Chili.

324. **SYRNIUM ALBOGULARE**, Cassin, 1849.—*Mus.*

*Syrnium albogulare*, *Cass.* *Proc. Ac. Nat. Sc. Philad.* iv. p. 157 ; *Journ. Ac. Nat. Sc. Philad.* ii. p. 52. pl. 4.—*Gray*, *Gen. B. fol. sp.* p. 30 a.

*S. albiguttatum*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 120.

*Habitat*.—S. America (*Cassin*).

325. **SYRNIUM VIRGATUM**, *Cassin*, 1848.—Mus.

*Syrnium virgatum*, *Cass.* Proc. Ac. Nat. Sc. Philad. iv. p. 124 ;  
Journ. Ac. Nat. Sc. Philad. ii. p. 51. pl. 3.—*Gray*, Gen. B.  
fol. App. p. 30 a.

*Habitat*.—S. America. Mexico. Trinidad (*Cassin*).

326. **SYRNIUM PERSPICILLATUM**, (*Latham*) 1787.—Mus.

*Strix perspicillata*, *Lath.* Syn. Supp. i. p. 50. pl. 107 ; Ind. Orn.  
p. 58 ; Gen. Hist. i. p. 340. pl. 15.—*Daud.* Tr. Orn. ii. p. 192.  
—*Shaw*, Zool. vii. p. 248 (Desc. 1).

*S. personata*, *Daud.* Tr. Orn. ii. p. 192. — *Shaw*, Zool. vii.  
p. 249.

*S. perspicillata* B, *Lath.* Syn. Supp. ii. p. 65 ; Gen. Hist. i.  
p. 342.

*S. larvata*, *Shaw & Nodd.* Nat. Misc. xix. pl. 801.

*Syrnium personatum*, *Gray*, Gen. B. fol. App. p. 3.

*Athene torquata*, *Bonap.* Consp. Av. p. 43.

*Pulsatrix torquatum*, *Kaup*, Monog. Strig. Cont. Orn. 1852,  
p. 122.

*Chouette à Masque noir*, *Lerayll.* Ois. Af. pl. 44.

*Habitat*.—S. America. Cayenne.

327. **SYRNIUM LEPTOGRAMMICUM**, (*Temminck*) 18—. —  
Mus. Leyden.

*Strix leptogrammica*, *Temm.* Pl. Col. 525.—*Bonap.* Consp. Av.  
p. 44.

*Syrnium leptogrammicum*, *Gray*, Gen. B. fol. App. p. 3.

*Bulaca leptogrammica*, *Kaup*, Monog. Strig. Cont. Orn. 1852,  
p. 122.

*Habitat*.—Malasia. Borneo.

327 a. **SYRNIUM MYRTHA**, (*Bonaparte*) 1852.—Mus. Leyden.

*Ciccaba myrtha*, *Bonap.* Consp. Av. p. 44.

*Habitat*.—Sumatra.

Genus **NYCTEA**, *Stephen*. 1825.

328. **NYCTEA NIVEA**, (Daudin) 1800. — Mus. Strickland, No. 149. Brit.

*Strix alba freti hudsonis*, *Briss.* Orn. i. p. 522.

**S. nyctea**, *Linn.* Syst. Nat. p. 132. — *Gmel.* Syst. Nat. p. 291. — *Lath.* Ind. Orn. p. 57; Syn. i. p. 132; Supp. i. p. 45; Supp. ii. p. 59; Gen. Hist. i. p. 329. — *Daud.* Tr. Orn. ii. p. 188. — *Bechst.* Naturg. Deutschl. ii. p. 925; Vög. Deutschl. ii. p. 350. — *Blumenb.* Abhand. naturh. Gegens. pl. 75. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 75; Vög. Liv. u. Esthl. p. 27. — *Vieill.* Ois. Am. Sept. pl. 18; Faun. Franç. p. 48. pl. 23. f. 2. — *Faber*, Prod. Island. Orn. p. 4; Isis, 1827, p. 72. — *Sevast.* Nov. Act. Petrop. xv. p. 334. — *Shaw*, Zool. vii. p. 240. — *Bullock*, Linn. Trans. xi. p. 175. — *Sabine*, (Parry) 1st Voy. Supp. p. 193. — *Richards.* (Parry) 2nd Voy. App. p. 342; Faun. Bor. Am. ii. p. 88. — *Bonap.* Ann. Lyc. N. York, ii. p. 36; Isis, 1832, p. 1139. — *Forst.* Phil. Trans. lxii. p. 385. — *Wils.* Am. Orn. pl. 32. f. 1. — *Audub.* Am. B. pl. 121; Orn. Biog. ii. p. 135. — *Temm.* Man. Orn. pt. 1. p. 82, pt. 3. p. 45; Tab. Méth. p. 6. — *Wern.* Atl. Ois. Eur. — *Naum.* Nat. Vög. Deutschl., Nachtr. p. 241. pl. 33. f. 66 (juv.); ed. nov. i. p. 417. pl. 41. — *Yarr.* Brit. B. i. p. 134. — *Flem.* Brit. An. p. 58. — *Bew.* Brit. B. Supp. p. 7. — *Scop.* Ann. 1st, p. 20. — *Schinz*, Faun. Helvet. p. 56. — *Baik. & Hedd.* Hist. Nat. Orcad. p. 32. — *Fox*, Synop. Newcast. Mus. p. 53. — *Mont.* Orn. Dict. ed. Renn. p. 471. — *Thomps.* Hist. Verm. p. 64. — *Peab.* B. Mass. iii. p. 84. — *Morr.* Brit. B. i. p. 194. pl. 27.

**S. wapacuthu**, *Gmel.* Syst. Nat. p. 291. — *Lath.* Ind. Orn. p. 58; Syn. Supp. i. p. 49; Gen. Hist. i. p. 331. — *Daud.* Tr. Orn. ii. p. 189. — *Shaw*, Zool. vii. p. 243. — *Vieill.* Ois. Am. Sept. p. 47.

**S. arctica**, *Bart.* Trav. p. 285.

**S. nivea**, *Daud.* Tr. Orn. ii. p. 190.

**S. candida**, *Lath.* Ind. Orn. Supp. p. 14; Syn. Supp. ii. p. 60. sp. 7; Gen. Hist. i. p. 332.

**S. erminea**, *Shaw*, Zool. vii. p. 251.

**Surnia nyctea**, *Edmondst.* Mem. Wern. Soc. iv. p. 157. — *James.* (Wils.) Am. Orn. i. p. 92. — *Gould*, Eur. B. pl. 43. — *Selby*, Ill. Brit. Orn. i. p. 95. pl. 23. — *Jard.* Brit. B. i. p. 303. — *Thomps.* B. Irel. i. p. 95. — *Nutt.* Man. Orn. U. S. & Canad. p. 116.

*Noctua nyctea*, *Boië*, Isis, 1822, p. 770. — *Less.* Man. Orn. i. p. 110 ; Tr. Orn. p. 101. — *Benn.* Gard. Zool. Soc. ii. p. 250. — *Brehm*, Vög. Deutschl. p. 103. — *Cuv.* Règ. An. ed. 2. i. p. 345. — *Jenyns*, Brit. Man. p. 93.

*N. nivea*, *Brehm*, Isis, 1834 ; Instit. iii. p. 108.

*Nyctea erminea*, *Steph.* Zool. xiii. pt. 2. p. 63.

*N. ? wapacuthu*, *Steph.* Zool. xiii. pt. 2. p. 63.

*N. candida*, *Swains.* Classif. B. ii. p. 217. — *Bonap.* Eur. & N. Am. B. p. 6 ; Cat. Ucc. Eur. p. 22 ; Consp. Av. p. 36. — *Gray*, Gen. B. p. 5 ; ed. 2. p. 7. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 107.

*N. nivea*, *Gray*, Gen. B. fol. sp. 1. pl. 12. f. 2 ; List B. Brit. Mus. p. 86 ; Gen. & Subgen. Brit. Mus. p. 8. — *Cass.* B. Calif. & Tex. p. 100.

*Syrnia nyctea*, *Thomps.* Ann. Nat. Hist. i. p. 241 ; iii. p. 107. — *Jard.* (Wils.) Am. Orn. ii. p. 46. — *Macgill.* Rap. B. Brit. p. 348 ; Brit. B. iii. p. 407. — *Watt.* B. Irel. p. 27.

*Harfang*, *Buff.* Pl. Enl. 458.

*La Chouette Blanche*, *Levaill.* Ois. Af. pl. 45. — *Buff.* Ois. ed. Sonn. iv. p. 173.

*Sneuwuil*, *Sepp*, Nederl. Vög. iv. p. 393.

*Great White Owl*, *Edw.* B. pl. 61.

*Wapacuthu Owl*, *Penn.* Arct. Zool. ii. p. 231. sp. 119.

*Snowy Owl*, *Penn.* Arct. Zool. ii. p. 233. sp. 121.

*Habitat.*—N. Europe, Shetland, Orkney, Iceland. North Germany. North America, lat. 55° N. to 67° N. (resid.) Newfoundland. Canada. Greenland. United States (wint. acc.). Melville Island (summ.).

### Genus **KETUPA**, *Lesson.* 1831.

329. **KETUPA JAVANENSIS**, (*Lesson*) 1831.—Mus. Strickland, No. 150. Jard., Brit., E. Ind. Comp.

*Strix ketupa*, *Lath.* Gen. Hist. i. p. 323.—*Horsf.* Linn. Trans. xiii. p. 141 ; Isis, 1825, p. 1056.

*S. ceylonensis*, *Vig.* Raffl. Life, p. 650.—*Temm.* Pl. Col. 74.

*Scops ceylonensis*, *Less.* Man. Orn. i. p. 118.

*S. ketupa*, *Cuv.* Règ. An. ed. 2. i. p. 347.



*Ketupa javanensis*, *Less.* Tr. Orn. p. 114.—*Gray*, Gen. B. fol. sp. 2; List B. Brit. Mus. p. 101. — *Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 510; Cat. Mus. E.I.C. i. p. 76. — *Bonap.* Consp. Av. p. 45.

*Bubo ketupa*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 117.

*Habitat.*—Malasia. Java.

330. **KETUPA CEYLONENSIS**, (Gmelin) 1789.—Mus. Strickland, No. 151. Brit., Zool. Soc.

*Strix ceylonensis*, *Gmel.* Syst. Nat. p. 287. — *Lath.* Ind. Orn. p. 52; Gen. Hist. i. p. 309. — *Daud.* Tr. Orn. ii. p. 211. — *Shaw*, Zool. vii. p. 218.

*S. leschenaulti*, *Temm.* Pl. Col. 20.

*S. hardwickii*, *Gray*, Ind. Zool. pl. 31 (inacc.).

*S. dumeticola*, *Tick.* Journ. As. Soc. Beng. ii. p. 571.

*Scops ? leschenaulti*, *Steph.* in Shaw, Zool. xiii. pt. 2. p. 53.

*S. ? ceylonensis*, *Steph.* Zool. xiii. pt. 2. p. 54.

*S. leschenaulti*, *Less.* Man. Orn. i. p. 118.

*Ketupa leschenaulti*, *Less.* Tr. Orn. p. 114. — *Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 82; Journ. As. Soc. Beng. iii. p. 421.

*K. ceylonensis*, *Gray*, Gen. B. p. 6; ed. 2. p. 7; fol. sp. 1. pl. 13. f. 1; List B. Brit. Mus. p. 101. — *Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 509.—*Kelaart*, Prod. Faun. Zeyl. ii. p. 30; Cat. Mus. E.I.C. i. p. 76.—*Bonap.* Consp. Av. p. 44.

*Cultrunguis nigripes*, *Hodgs.* Journ. As. Soc. Beng. v. p. 364.

*C. leschenaulti*, *Jerd.* Madr. Journ. x. p. 90.

*Bubo ceylonensis*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 116.

Great Ceylonese Eared Owl, *Brown*, Ill. Zool. pl. 4.

Ceylonese Eared Owl, *Lath.* Syn. i. p. 120; Supp. i. p. 41.

Hutum Eared Owl, *Lath.* Gen. Hist. i. p. 307. pl. 13.

*Habitat.*—Ceylon. India. Nepal. Madras. Bengal.

331. **KETUPA FLAVIPES**, (Hodgson) 1836.—Mus. Brit.

*Cultrunguis flavipes*, *Hodgs.* Journ. As. Soc. Beng. v. p. 364. pl. 26.

*Ketupa flavipes*, *Gray*, Gen. B. fol. sp. 3; List B. Brit. Mus. p. 101; Cat. Mus. E.I.C. i. p. 76.—*Bonap.* Consp. Av. p. 45.

*Bubo flavipes*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 117.

Indian Owl *A*, *Lath.* Gen. Hist. i. p. 352?

*Habitat*.—S. Asia. Nepal.

Genus **SCOTOPELIA**, *Bonaparte*. 1850.

332. **SCOTOPELIA PELI**, (Temminck) 1850.—Mus. Leyden.

*Strix peli*, *Temm.* Mus. Leyd.—*Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 398.

*Scotopelia peli*, *Bonap.* Consp. Av. p. 44.

*Bubo peli*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 117.

*Habitat*.—West Africa. Ashantee.

Genus **SCOPS**, *Savigny*. 1809.

333. **SCOPS ZORCA**, (Gmelin) 1789.—Mus. Strickland, Nos. 152 *a*. 152 *b*. 152 *c*. Jard., Brit.

*Asio scops*, *Briss.* Orn. i. p. 495. pl. 37. f. 1.

*Strix scops*, *Linn.* Syst. Nat. p. 132.—*Gmel.* Syst. Nat. p. 290. —*Lath.* Ind. Orn. p. 56; Syn. i. p. 129; Supp. i. p. 43; Gen. Hist. p. 324.—*Daud.* Tr. Orn. ii. p. 218. —*Shaw*, Zool. vii. p. 233.—*Bechst.* Naturg. Deutschl. ii. p. 912; Vög. Deutschl. ii. p. 346. —*Meyer*, Taschenb. deutsch. Vögelk. i. p. 74. —*Vieill.* Nouv. Dict. Hist. Nat. vii. p. 47; Faun. Franç. p. 42. pl. 20. f. 1, 2.—*Temm.* Man. Orn. pt. 1. p. 103, pt. 3. p. 54; Tab. Méth. p. 7. —*Wern.* Atl. Ois. Eur.—*Naum.* Nat. Vög. Deutschl., Nachtr. p. 177. pl. 25. f. 49; ed. nov. i. p. 466. pl. 43. f. 3. —*Roux*, Orn. Prov. i. p. 73. pl. 48. —*Savi*, Orn. Tosc. i. p. 73; Cat. Ucc. Pisa, p. 12. no. 20.—*Michah.* Isis, 1830, p. 891. —*Baill.*, Orn. Sav. i. p. 171. —*Bew.* Brit. B. ed. 2. i. p. 67. —*Farr.* Brit. B. i. p. 113. —*Fox*, Synop. Newcast. Mus. p. 55.

*S. capite aurito*, etc., *Lepech.* Nov. Com. Petrop. xv. p. 490. pl. 26. f. 1.

*S. zorca*, *Gmel.* Syst. Nat. p. 289. sp. 21. —*Lath.* Ind. Orn. p. 56; Syn. i. p. 127. sp. 13.—*Daud.* Tr. Orn. ii. p. 218.—*Cetti*, Ucc. Sardegna. p. 60.

- S. carniolica*, *Gmel. Syst. Nat.* p. 290. sp. 22.—*Shaw, Zool.* vii. p. 231.
- S. pulchella*, *Gmel. Syst. Nat.* p. 290. sp. 24.—*Lath. Ind. Orn.* p. 57 ; *Syn. i. pl. 5. f. 1* ; *Gen. Hist. i. p. 327. pl. 14. f. 1.*—*Daud. Tr. Orn. ii. p. 220.*—*Shaw, Zool.* vii. p. 239. — *Pall. Itin. i. App. p. 456.*
- S. gui*, *Lath. Ind. Orn.* p. 56 ; *Syn. i. p. 127* ; *Gen. Hist. i. p. 325.*—*Scop. Ann. 1st, p. 19.*
- Scops*, *Ray, Synop. Av. p. 25.* — *Less. Man. Orn. i. p. 118.* — *Cuv. Règ. An. ed. 2. i. p. 340.*
- S. ephialtes*, *Savig. Desc. Egypt. pt. 1. p. 107.*—*Kaup, Monog. Strig. Cont. Orn. 1852, p. 110.*
- S. asio*, *Steph. Zool. xiii. pt. 2. p. 51.*
- S. aldrovandi*, *Bonap. Eur. & N. Am. B. p. 6.*—*Gould, Eur. B. pl. 41.* — *Gray, Gen. B. p. 6* ; ed. 2. p. 7. — *Selby, Ill. Brit. Orn. i. p. 92. pl. 22.* — *Flem. Brit. An. p. 57.* — *Mont. Orn. Diet. ed. Renn. p. 304.*—*Macgill. Rap. B. Brit. p. 444* ; *Brit. B. iii. p. 422.*—*Jard. Brit. B. i. p. 299. pl. 33.*—*Thomps. B. Irel. i. p. 85.* — *Watt. B. Irel. p. 26.* — *Knox, Orn. Suss. (Ramb.) p. 187.*—*Morr. Brit. B. p. 190. pl. 26.*—*Des Murs, &c. (Lefebv. & Dill.) Voy. Abyssin. vi. p. 76.*
- S. carnioliaca*, *Brehm, Vög. Deutschl. p. 126.*
- S. europæus*, *Less. Tr. Orn. p. 106.*
- S. zorca*, *Swains. Classif. B. ii. p. 217.*—*Bonap. Cat. Ucc. Eur. p. 22.*—*Strickl. Ann. Nat. Hist. viii. p. 370.*
- S. pennata*, *Hodgs. Journ. As. Soc. Beng. vi. p. 369.* — *Blyth, Journ. As. Soc. Beng. xiv. p. 183.* — *Kaup, Monog. Strig. Cont. Orn. 1852, p. 110.*
- S. sunia*, *Hodgs. As. Res. xix. p. 175.*—*Blyth, Journ. As. Soc. Beng. xiv. pp. 182, 550* ; xvii. p. 345.—*Gray, Gen. B. fol. sp. 2.*
- Bubo scops*, *Jenyns, Brit. Man. p. 91.*
- Ephialtes scops*, *Keyserl. & Blas. Wirbelth. Eur. pp. 33, 45.*—*Gray, Gen. B. fol. sp. 1* ; *List B. Brit. Mus. p. 95* ; *Gen. & Subgen. Brit. Mus. p. 9.*—*Hutt. Journ. As. Soc. Beng. xvii. pt. 2. p. 4.* — *Müll. Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 397.*
- E. spilocephalus*, *Blyth, Journ. As. Soc. Beng. xv. p. 8.*
- Otus scops japonicus*, *Temm. & Schleg. Faun. Jap. Av. p. 27. pl. 9.*
- Petit Duc*, *Buff. Pl. Enl. 436.*
- Le Zorca*, *Buff. Ois. ed. Sonn. iv. p. 80.*

Duc Zorca, *Gérard*. Tab. Elem. Orn. i. p. 68.

Assiolo, *Savi*, Orn. Tosc. i. p. 73.

*Habitat*.—Europe. Asia. China, India, Nepal, Darjeeling,  
Bochara. Japan. Ionian Isles.

333 *a*. **SCOPS SENEGALENSIS**, Swainson, 1838. — Mus. Strickland, No. 153. *Jard*.

*Scops senegalensis*, *Swains*. Classif. B. ii. p. 217 ; B. W. Af. i. p. 127.—*Hartl*. Verz. W. Af. Vög. p. 16. — *Strickl. & Sclat*. Cont. Orn. 1852, p. 142. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 110.

*Strix capensis*, *Smith*, Cat. S. Af. Mus. p. 26.

Le Scops, *Levaill*. Ois. Af. i. p. 162.

*Habitat*.—Africa. Cape of Good Hope. Senegal. Gambia. Damara.

333 *b*. **SCOPS HENDERSONII**, (Cassin) 1852.—Mus. Philad.

*Ephialtes hendersonii*, *Cass*. Proc. Ac. Sc. Philad. 1852, p. 186.

*Athene hendersonii*, *Müll*. Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 297.

*Habitat*.—Angola.

334. **SCOPS ASIO**, (Linnaeus) 1766.—Mus. Strickland, Nos. 154 *a*. 154 *b*. 154 *c*. Brit.

*Asio scops carolinensis*, *Briss*. Orn. i. p. 497.

*A. nævia*, *Less*. Man. Orn. i. p. 117.

*Strix asio*, *Linn*. Syst. Nat. p. 132. — *Gmel*. Syst. Nat. p. 287. — *Lath*. Ind. Orn. p. 54 ; Syn. i. p. 123 ; Supp. i. p. 42 ; Gen. Hist. i. p. 314. — *Daud*. Tr. Orn. ii. p. 216. — *Shaw*, Zool. vii. p. 229. — *Temm*. Pl. Col. 80. — *Wils*. Am. Orn. pl. 42. f. 1.—*Jard*. (Wils.) Am. Orn. i. p. 307 ; ii. p. 179.—*Bonap*. Ann. Lyc. N. York, ii. p. 36 ; Isis, 1832, p. 1139.—*Audub*. Am. B. pl. 97 ; Orn. Biog. i. p. 486.—*Brew*. (Wils.) Am. Orn. p. 687.—*Hobson*, Natural. 1855, p. 169.

*S. nævia*, *Gmel*. Syst. Nat. p. 289.—*Lath*. Ind. Orn. p. 55 ; Syn. i. p. 126 ; Gen. Hist. i. p. 321.—*Daud*. Tr. Orn. ii. p. 217.—*Shaw*, Zool. vii. p. 230.—*Wils*. Am. Orn. pl. 19. f. 1.

*Noctua aurita minor*, *Catesby*, Carol. i. p. 7. pl. 7.

*Bubo asio*, *Vieill*. Ois. Am. Sept. p. 53. pl. 21. — *Giraud*, B. Long Isld. p. 28.

*B. striatus*, *Vieill.* Ois. Am. Sept. p. 54. — *Lath.* Gen. Hist. i. p. 359.

32 *Otus asio*, *Steph.* Zool. xiii. pt. 2. p. 57.

*O. nævius*, *Cuv.* Règ. An. ed. 2. i. p. 341.

*Surnia nævia*, *James.* (Wils.) Am. Orn. i. pp. 96, 99.

*Scops asio*, *Bonap.* Eur. & N. Am. B. p. 6. — *Less.* Tr. Orn. p. 107. — *Cass.* B. Calif. & Tex. p. 179. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 112.

*Ephialtes asio*, *Gray*, Gen. B. fol. sp. 9; List B. Brit. Mus. p. 96. — *Woodh.* (Sitg.) Exp. Zuni & Colorad. p. 62.

Red Owl, *Penn.* Arct. Zool. p. 231. sp. 117.

Mottled Owl, *Penn.* Arct. Zool. p. 231. sp. 118.

*Habitat.*—N. America generally. Greenland (*Sabine*). British (acc.).

335. **SCOPS M'CALLII**, *Cassin*, 1850. — Mus. Ac. Sc. Philad., Washingt.

*Scops M'Callii*, *Cass.* B. Calif. & Tex. p. 180.

*Habitat.*—Texas, Northern Mexico.

336. **SCOPS LEMPIJI**, (*Horsfield*) 1821. — Mus. Strickland, Nos. 155 *a.* 155 *b.* 155 *c.* Jard., Brit., Zool. Soc., Leyden, E. Ind. Comp.

*Strix lempiji*, *Horsf.* Linn. Trans. xiii. p. 140; Isis, 1825, p. 1055; Zool. Res. Java, Gen. Cat. — *Raffl.* Linn. Trans. xiii. p. 280. — *Fig.* *Raffl.* Life, p. 651. — *Lath.* Gen. Hist. i. p. 323. — *Less.* Man. Orn. i. p. 109.

*S. noctula*, *Reinwardt.* — *Temm.* Pl. Col. 99.

*Scops noctula*, *Steph.* Zool. xiii. pt. 2. p. 52. — *Less.* Man. Orn. i. p. 119. — *Cuv.* Règ. An. ed. 2. i. p. 347.

*S. javanicus*, *Less.* Tr. Orn. p. 107. — *Jerd.* Madr. Journ. x. p. 89. — *Pucher.* Rev. Zool. 1849, p. 26.

*S. griseus*, *Jerd.* Madr. Journ. xiii. p. 119.

*S. malabaricus*, *Jerd.* Madr. Journ. xiii. p. 119.

*S. lettia*, *Hodgs.* As. Res. xix. p. 176. — *Blyth*, Journ. As. Soc. Beng. xiv. p. 181; Ann. Nat. Hist. xiii. p. 312.

*S. lempiji*, *Blyth*, Journ. As. Soc. Beng. xiv. p. 182; xix. n. s. p. 509. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 112.

*S. lettioides*, *Jerd.* Journ. As. Soc. Beng. xiv. p. 182

*Ephialtes lempiji*, *Blyth*, Journ. As. Soc. Beng. xv. p. 281. —  
*Gray*, Gen. B. fol. sp. 3; List B. Brit. Mus. p. 96.—*Kelaart*,  
 Prod. Faun. Zeyl. ii. p. 28.

*Habitat*.—S. Asia. Assam, Madras, Malabar. Coromandel.  
 Ceylon. Java. Sumatra. Banda.

336 a. **SCOPS MANTIS**, Temminck & Schlegel, 1850. — Mus.  
 Leyden.

*Otus mantis*, *Temm. & Schleg.* Faun. Jap. Av. p. 25.

*Ephialtes mantis*, *Gray*, Gen. B. fol. sp. 6; List B. Brit. Mus.  
 p. 96 (sub *E. lempiji*).

*Habitat*.—Borneo (*Temm. & Schleg.*).

337. **SCOPS RUFESCENS**, (Horsfield) 1821. — Mus. Strickland,  
 No. 156. E. Ind. Comp.

*Strix rufescens*, *Horsf.* Linn. Trans. xiii. p. 140; Isis, 1825,  
 p. 1055; Zool. Res. Java, Gen. Cat.—*Lath.* Gen. Hist. i. p. 354.

*Scops rufescens*, *Swains.* Classif. B. ii. p. 217.—*Blyth*, Journ.  
 As. Soc. Beng. xiv. p. 181.

*Ephialtes rufescens*, Cat. Mus. E.I.C. p. 71; Proc. Ac. Nat.  
 Sc. Philad. iv. p. 121.

*E. sagittata*, *Cass.* Journ. Ac. Nat. Sc. Philad. ii. p. 96. pl. 12.  
 —*Gray*, Gen. B. fol. App. p. 30 a.

*Habitat*.—Malacca. Java. Ceylon (*Blyth*).

337 a. **SCOPS BAKKAMÆNA**, (Pennant) 1769.—Mus.

*Otus bakkamæna*, *Penn.* Ind. Zool. pl. 3.

*Strix indica*, *Gmel.* Syst. Nat. p. 289.

*S. bakkamuna*, *Lath.* Ind. Orn. p. 56; Syn. i. p. 127; Gen.  
 Hist. i. p. 322.—*Daud.* Tr. Orn. ii. p. 218.—*Shaw*, Zool. vii.  
 p. 337.—*Gray*, List B. Brit. Mus. p. 96 (sub *Ephialtes lem-*  
*piji*). —*Bonap.* Consp. Av. (sub *E. sagittatus*).

Indian Eared Owl, *Lath.* Syn. i. p. 127.

*Habitat*.—Ceylon.

338. **SCOPS TRICHOPSIS**, Wagler, 1832.—Mus. Wurceburg.

*Scops trichopsis*, *Wagl.* Isis, 1832, p. 276.

*Ephialtes trichopsis*, *Gray*, Gen. B. fol. sp. 15.—*Bonap.* Consp.  
 Av. p. 46.

*Megascops trichopsis*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 111.

*Habitat*.—America. Mexico.

339. **SCOPS ATRICAPILLA**, (Natterer) 18 .—Mus. Brit., Munich, Vienna.

*Strix atricapilla*, *Natterer*.—*Temm.* Pl. Col. 145.

*Scops atricapilla*, *Steph.* Zool. xiii. pt. 2. pl. 39. — *Less.* Man. Orn. i. p. 119. — *Cuv.* Règ. An. ed. 2. i. p. 347. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 112.

*Ephialtes atricapilla*, *Gray*, Gen. B. fol. sp. 11. pl. 13. f. 2; List B. Brit. Mus. p. 96.—*Bonap.* Consp. Av. p. 46.

*Habitat*.—Brazil. Amazon River.

340. **SCOPS MANADENSIS**, Quoy & Gaimard, 1833.—Mus.

*Scops manadensis*, *Quoy*, Voy. Astrol. i. p. 170. pl. 2. f. 2.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 112.

*Ephialtes minadensis*, *Gray*, Gen. B. fol. sp. 7.—*Bonap.* Consp. Av. p. 47.

*Otus manadensis*, *Temm.* & *Schleg.* Faun. Jap. Av. p. 26.

*Habitat*.—Malasia. Celebes.

- 340 a. **SCOPS NOVÆ-ZELANDIÆ**, (Bonaparte) 1850. — Mus. Leyden.

*Ephialtes novæ-zelandiæ*, *Bonap.* Consp. Av. p. 47.

*Habitat*.—New Zealand.

341. **SCOPS MEGALOTIS**, Gray, 1844.—Mus. Brit.

*Scops megalotis*, *Gray*, List B. Brit. Mus. 1844, p. 45.

*Ephialtes* ? *megalotis*, *Gray*, List B. Brit. Mus. 1848, p. 98.—*Bonap.* Consp. Av. p. 45.

*Habitat*.—Philippine Isles.

342. **SCOPS LEUCOTIS**, (Temminck) 1823. — Mus. Strickland, Nos. 157 a. 157 b. Jard., Brit., Paris, Leyden.

*Strix leucotis*, *Temm.* Pl. Col. 16.

*Otus leucotis*, *Steph.* Zool. xiii. pt. 2. p. 57. — *Cuv.* Règ. An.



ed. 2. i. p. 341.—*Less.* Tr. Orn. p. 111.—*Rüpp.* Syst. übers. p. 12.

*Asio leucotis*, *Less.* Man. Orn. i. p. 116.

*Scops leucotis*, *Swains.* Classif. B. ii. p. 217; W. Af. B. ii. p. 124.—*Strickl. & Sclat.* B. Damar. Cont. Orn. 1852, p. 142.—*Hartl.* Verz. W. Af. Vög. p. 16.

*Ephialtes leucotis*, *Gray*, Gen. B. fol. sp. 8; List B. Brit. Mus. p. 97. — *Bonap.* Consp. Av. p. 45. — *Müll.* Syst. Verz. Vög. Af. Cab. Journ. Orn. ii. p. 397.

*Ptilopsis leucotis*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 111.

Powdered eared Owl, *Lath.* Gen. Hist. i. p. 328.

Streaked Owl, *Lath.* Gen. Hist. i. p. 371.

*Habitat.*—Senegal. Kordofan. Abyssinia (*Rüppell*). Central Africa (*Leyland*).

343. **SCOPS NUDIPES**, (*Vieillot*) 1807.—Mus.

*Bubo nudipes*, *Vieill.* Ois. Am. Sept. pl. 22.

*Strix psilopoda*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 46; Enc. Méth. iii. p. 1282.

*Scops nudipes*, *Cuv.* Règ. An. ed. 2. i. p. 347.

*Ephialtes?* *nudipes*, *Gray*, Gen. B. fol. sp. 16.—*Bonap.* Consp. Av. (quid) p. 46.

*Habitat.*—W. Indies. Porto Rico. St. Domingo (*Vieillot*).

344. **SCOPS GYMNOPODUS**, *Gray*, 1844.—Mus. Brit.

*Scops gymnopus*, *Gray*, List B. Brit. Mus. 1844, p. 44.—*Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 508.

*Ephialtes gymnopus*, *Gray*, List B. Brit. Mus. 1848, p. 96.

*Habitat.*—S. Asia. India.

345. **SCOPS MAGICA**, (*Müller*) 1844.—Mus.

*Strix magica*, *Müll.* Verh. Nat. Gesch. Ned. Bez. Landk. p. 110.

*Otus magicus*, *Temm. & Schleg.* Faun. Jap. Av. p. 25.

*Scops magicus*, *Bonap.* Consp. Av. p. 46.

*Ephialtes magicus*, *Gray*, Gen. B. fol. sp. 5.

*Habitat.*—Malasia. Moluccas. Amboina. Celebes.

346. **SCOPS LOPHOTES**, Lesson, 1831.—Mus. Philad.

*Scops lophotes*, *Less.* Tr. Orn. p. 107. — *Pucher.* Rev. Zool. 1849, p. 22.

*Ephialtes watsoni*, *Cass.* Proc. Ac. Nat. Sc. Philad. iv. p. 123 ; Journ. Ac. Nat. Sc. Philad. ii. p. 95. — *Gray*, Gen. B. fol. App. p. 30 a.—*Bonap.* Consp. Av. p. 46.

*E. lophotes*, *Gray*, Gen. B. fol. sp. 14.

*Habitat.*—S. America. Cayenne. Oronoco.

347. **SCOPS RUTILUS**, Pucheran, 1849.—Mus.

*Scops rutilus*, *Pucher.* Rev. Zool. 1849, p. 29.

*Ephialtes rutilus*, *Gray*, Gen. B. fol. App. p. 30 a.

*Megascops rutilus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 111.

*Habitat.*—Madagascar.

348. **SCOPS CHOLIBA**, (Vieillot) 1817.—Mus. Brit., Munich, Paris.

*Strix choliba*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 39 ; Enc. Méth. iii. p. 1279.

*S. decussata*, *Licht.* Verz. Doubl. p. 59.

*S. crucigera*, *Spix*, Av. Braz. i. p. 22. pl. 9.

*S. undulata*, *Spix*, Av. Braz. i. pl. 10.

*Scops portoricensis*, *Less.* Tr. Orn. p. 107.—*Pucher.* Rev. Zool. 1849, p. 26.

*S. choliba*, *D'Orbig.* Synop. Av. Mag. Zool. 1838 ; Voy. Am. Mérid. Ois. p. 132.—*Tschudi*, Av. Consp. Wieg. Arch. 1844, p. 267 ; Faun. Per. pp. 18, 119.—*Rich. Schomb.* Reis. Brit. Guian. p. 733.

*S. braziliensis*, *Bonap.* Consp. Av. p. 46.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 112.

*Athene ? undulata*, *Gray*, List B. Brit. Mus. 1844, p. 51 ; 1848, p. 97 (sub *E. choliba*) ; Gen. B. fol. sp. 22. App. p. 3.

*Ephialtes choliba*, *Gray*, Gen. B. fol. sp. 10 ; List B. Brit. Mus. p. 97.

*E. braziliensis*, *Gray*, Gen. B. fol. sp. 12.

*E. ? portoricensis*, *Gray*, Gen. B. fol. sp. 13.—*Des Murs*, Icon. Orn. pl. 26.

*Otus braziliensis*, *Temm. & Schleg.* Faun. Jap. Av. p. 25.

Chóliba, *Azar*. Pax. Par. i. p. 218. no. 48.

*Habitat*.—S. America. Bahia. Minas Geraes. Portorico.

349. **SCOPS GRAMMICUS**, (Gosse) 1847.—Mus. Jard., Brit.

*Ephialtes grammicus*, *Gosse*, B. Jam. p. 19 ; Ill. B. Jam. pl. 4.

—*Gray*, List B. Brit. Mus. p. 97.—*Bonap.* Consp. Av. p. 46.

*Pseudoscops grammicus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 113.

*Habitat*.—Jamaica (*Gosse*).

350. **SCOPS CRISTATA**, (Daudin) 1800.—Mus. Strickland, No. 158. Brit.

*Strix cristata*, *Daud.* Tr. Orn. ii. p. 207. — *Lath.* Ind. Orn. Supp. p. 15 ; Syn. Supp. ii. p. 63 ; Gen. Hist. i. p. 336.

*S. superciliosa*, *Shaw*, Zool. vii. p. 250 (exc. syn.).

*Bubo griseatus*, *Cuv.* Règ. An. ed. 2. i. p. 344.

*Syrnium griseatum*, *Less.* Tr. Orn. p. 113.

*Lophotrix griseata*, *Less.* Comp. Buff. Ois. vii. p. 261.—*Gray*, Gen. B. ed. 2. p. 7.

*L. cristata*, *Gray*, List B. Brit. Mus. 1844, p. 47. — *Bonap.* Consp. Av. p. 45. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 115.

*Ephialtes cristatus*, *Gray*, List B. Brit. Mus. 1848, p. 98 ; Gen. B. fol. sp. 17.

*Scops cristata*, var., *Strickl.* Cont. Orn. 1848, p. 60. pl. 10.

*Supercilious Owl*, *Lath.* Syn. Supp. ii. p. 63.

*Chouette à aigrette blanche*, *Levaill.* Ois. Af. pl. 43.

*Habitat*.—S. America. Guiana.

Genus **ASIO**, *Brisson*. 1760.

351. **ASIO OTUS**, (Linnaeus) 1766.—Mus. Strickland, Nos. 159 *a*. 159 *b*. Jard., Brit.

*Otus sive Asio*, *Albin*, B. ii. pl. 10.

*O. albicollis*, *Daud.* Tr. Orn. ii. p. 213. — *Lath.* Gen. Hist. i. p. 313 B.

- O. italicus*, *Daud.* Tr. Orn. ii. p. 213.
- O. vulgaris*, *Flem.* Brit. An. p. 56.—*Bonap.* Eur. & N. Am. B. p. 7; Cat. Ucc. Eur. p. 23.—*Gould.* Eur. B. pl. 39.—*Gray.* Gen. B. p. 6; ed. 2. p. 8; fol. sp. 1. pl. 14. f. 3.—*Selby*, Ill. Brit. Orn. i. p. 85. pl. 20.—*Jenyns*, Brit. Man. p. 91.—*Jard.* Brit. B. i. p. 280. pl. 31.—*Thomps.* B. Irel. i. p. 86.—*Watt.* B. Irel. p. 23.—*Knox*, Orn. Suss. (Ramb.) p. 187.—*Couch.* Faun. Cornw. p. 11.—*Gard.* Nat. Hist. Staff. p. 272.—*Paget.* Nat. Hist. Yarm. p. 3.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 113.
- O. europæus*, *Steph.* Zool. xiii. pt. 2. p. 57.—*Swains.* Classif. B. ii. p. 217.
- Otus*, *Cuv.* Règ. An. ed. 2. i. p. 341.
- O. communis*, *Less.* Tr. Orn. p. 110.
- O. aurita*, *Mont.* Orn. Dict. ed. Reun. p. 262.
- O. asio*, *Leach*, Syst. Cat. Brit. Mus. p. 11.
- O. sylvestris*, *Brehm*, Vög. Deutschl. p. 121; *Isis*, 1832, p. 856; 1833, p. 789.
- O. arboreus*, *Brehm*, Vög. Deutschl. p. 122.
- O. gracilis*, *Brehm*, Vög. Deutschl. p. 123.
- Asio*, *Briss.* Orn. i. p. 486.—*Strickl.* Ann. Nat. Hist. viii. p. 371.—*Schemb.* Syn. Av. p. 52.
- A. italicus*, *Briss.* Orn. i. p. 491.
- A. otus*, *Less.* Man. Orn. i. p. 116.—*Macgill.* Brit. B. iii. p. 453.
- Strix otus*, *Linn.* Syst. Nat. p. 132.—*Gmel.* Syst. Nat. i. p. 288.—*Lath.* Ind. Orn. p. 53; Syn. i. p. 121; Supp. i. p. 42; Supp. ii. p. 56; Gen. Hist. i. p. 311.—*Daud.* Tr. Orn. ii. p. 212.—*Shaw*, Zool. vii. p. 221.—*Temm.* Man. Orn. pt. 1. p. 102, pt. 3. p. 54; Tab. Méth. p. 7.—*Wern.* Atl. Ois. Eur.—*Bechst.* Naturg. Deutschl. ii. p. 896.—*Meyer*, Taschenb. deutsch. Vögelk. i. p. 73; Vög. Liv. u. Esthl. p. 33.—*Frisch*, Vög. Deutschl. pl. 99.—*Naum.* Nat. Vög. Deutschl. iv. p. 252. pl. 29. f. 48; ed. nov. i. p. 451. pl. 45. f. 1.—*Vieill.* Faun. Franç. p. 42. pl. 19. f. 2.—*Roux*, Orn. Prov. i. p. 71. pl. 47.—*Baill.* Orn. Sav. i. p. 167.—*Bew.* Brit. B. ed. 2. i. p. 56.—*Yarr.* Brit. B. i. p. 117.—*Penn.* Brit. Zool. 1812, i. p. 258. pl. 31.—*Mont.* Orn. Dict. Owl.—*Fox*, Synop. Newcast. Mus. p. 54.—*Baik.* & *Hedd.* Hist. Nat. Orcad. p. 31.—*Dillwyn*, Faun. Swans. p. 4.—*Asso*, Faun. Arag. p. 70.—*S.-Longch.* Faun. Belg. p. 59.—*Lubb.* Faun. Norf. p. 32.—*Morr.* Brit. B. p. 178. pl. 24.
- S. otus*  $\beta$ , *Lath.* Ind. Orn. p. 54; Syn. i. p. 122; Gen. Hist. i. p. 312.

*Bubo otus*, *Savig.* Desc. Egyp. pt. 1. p. 109.

*Ulula otus*, *Macgill.* Rap. B. Brit. p. 403.

*Le Moyen Duc*, *Levaill.* Ois. Af. i. p. 162.

*Moyen Duc*, ou *Hibou*, *Buff.* Pl. Enl. 29.—*Gérard.* Tab. Elem. Orn. i. p. 66.

*Hoorn-uil*, *Sepp*, Nederl. Vög. i. p. 303.

*Allocco*, *Savi*, Orn. Tosc. i. p. 70.

*Habitat.*—Europe. Asia, Trebizond. India, Candahar. S. Africa (*Levaill.*).

351 *a.* **ASIO PEREGRINATOR**, (Bartram) 1792. — Mus. Jard., Edinb.

*Strix peregrinator*, *Bart.* Trav. p. 285.—*Cass.* B. Calif. & Tex. p. 196.

*S. otus*, *Wils.* Am. Orn. pl. 51. f. 1.—*Richards.* & *Swains.* Faun. Bor. Am. ii. p. 72. — *Bonap.* Ann. Lyc. N. York, ii. p. 37 ; *Isis*, 1832, p. 1140.—*Audub.* Am. B. pl. 383 ; Orn. Biog. iv. p. 572.—*Peab.* B. Mass. p. 88.

*Otus americanus*, *Bonap.* Eur. & N. Am. B. p. 7 ; Consp. Av. p. 50.—*Wedderb.* & *Trist.* Cont. Orn. 1849, p. 81. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 113.

*Otus*, *Cuv.* Règ. An. i. p. 341.

*O. wilsonianus*, *Less.* Tr. Orn. p. 110.—*Gray*, Gen. B. fol. sp. 2 ; List B. Brit. Mus. p. 105 (sub *O. vulgaris*).—*Cass.* B. Calif. & Tex. p. 81.

*O. vulgaris*, *Jard.* (Wils.) Am. Orn. ii. p. 278.—*Audub.* Synop. B. Am. p. 28.—*Giraud*, B. Long. Isld. p. 25.

*Ulula otus*, *James.* (Wils.) Am. Orn. i. p. 104.—*Brew.* (Wils.) Synop. p. 687.—*Nutt.* Man. Orn. U. S. & Canad. p. 130.

*Bubo asio*, *De Kay*, Zool. N. York, ii. p. 25. pl. 12. f. 25 (26 juv.).

*Habitat.*—America generally to lat. 6° N. (resid.) Bermuda (*Wedderburn*).

352. **ASIO STYGIUS**, (Wagler) 1832.—Mus. Paris, Eichstadt.

*Nyctalops stygius*, *Wagl.* *Isis*, 1832, p. 1221.—*Gray*, Gen. B. p. 6 ; ed. 2. p. 8.—*Bonap.* Consp. Av. p. 50 (quid).

*Otus communis*, var., *Less.* Tr. Orn. p. 110.

*O. stygius*, *Pucher.* Rev. Zool. 1849, p. 29.—*Gray*, Gen. B. fol. sp. 12.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 113.

*Habitat.*—S. America. Brazil. St. Paul, Cuba (*Kaup*).

353. **ASIO MEXICANUS**, Gmelin, 1789. — Mus. Strickland, No. 160. Jard., Brit., Munich.

*Asio americanus*, *Briss.* Orn. i. p. 498.

*A. mexicanus*, *Briss.* Orn. i. p. 499.

*Bubo ocreo-cinereus*, *Feuill.* Obs. Phys. p. 59.

*B. clamator*, *Vieill.* Ois. Am. Sept. pl. 20.

*Strix mexicana*, *Gmel.* Syst. Nat. p. 288.—*Lath.* Ind. Orn. p. 54 ; Syn. i. p. 123 ; Gen. Hist. i. p. 314 A. — *Daud.* Tr. Orn. ii. p. 214. — *Shaw*, Zool. vii. p. 228. — *Audub.* Am. B. pl. 412 ; Orn. Biog. iv. p. 574.

*S. americana*, *Gmel.* Syst. Nat. p. 288.—*Lath.* Ind. Orn. p. 54 ; Syn. i. p. 122 ; Gen. Hist. i. p. 313.—*Shaw*, Zool. vii. p. 228.

*S. longirostris*, *Spix*, Av. Braz. pl. 9 a.

*S. clamata*, *Vieill.* Enc. Méth. iii. p. 1279.

*S. maculata*, *Max.* Beiträg. iii. p. 281.

*Otus mexicanus*, *Steph.* Zool. xiii. pt. 2. p. 57 (sub *O. americanus*). — *Bonap.* Eur. & N. Am. B. p. 7 ; Oss. Cuv. Règ. An. i. p. 341.—*Less.* Tr. Orn. p. 110.—*Cuv.* Règ. An. ed. 2. i. p. 341. — *Gray*, Gen. B. fol. sp. 10 ; List B. Brit. Mus. 1848, p. 106.—*Cass.* B. Calif. & Tex. p. 195.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 114.

*O. americanus*, *Jard.* B. Tobago, Ann. Nat. Hist. xviii. p. 118. — *De Kay*, Zool. N. York, ii. p. 27. pl. 11. f. 24.

*Scops clamator*, *Gray*, List B. Brit. Mus. 1844, p. 45.

*Tecolotl*, *Fern.* Hist. Nov. Hisp. p. 35.

*Habitat.*—S. parts of N. America. S. America, Bahia.

354. **ASIO CRASSIROSTRIS**, (Vieillot) 1817.—Mus. Brit., Paris, Leyden.

*Strix crassirostris*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 44 ; Enc. Méth. iii. p. 1280.

*S. macrorhyncha*, *Temm.* Pl. Col. 62.

*Otus ? macrorhyncha*, *Steph.* Zool. xiii. pt. 2. p. 59.

*O. macrorhyncha*, *Cuv.* Règ. An. ed. 2. i. p. 341. — *Less.* Tr. Orn. p. 109.

*O. crassirostris*, *Gray*, Gen. B. fol. sp. 6; List B. Brit. Mus. p. 106.

*Asio macrorhyncha*, *Less.* Man. Orn. i. p. 117.

*Bubo crassirostris*, *Bonap.* Consp. Av. p. 48. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 116 (sub *B. virginianus*).

*Habitat.*—N. America (*Lesson*). S. America, Chili.

355. **ASIO SEMITORQUES**, (Temminck & Schlegel) 1842.—Mus.

*Scops semitorques*, *Temm. & Schleg.* Faun. Jap. Av. p. 25. pl. 8.  
—*Bonap.* Consp. Av. p. 46.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 112.

*Ephialtes semitorques*, *Gray*, Gen. B. fol. sp. 4.

*Habitat.*—Japan.

356. **ASIO BRACHYOTUS**, (Gmelin) 1789. — Mus. Strickland, No. 161. Jard., Edinb.

*Strix noctua major*, *Briss.* Orn. i. p. 511.

*S. stridula*, Nov. Act. Reg. Ac. Suec. 1783, p. 47.

*S. arctica*, *Sparrm.* Mus. Carls. pl. 51. — *Daud.* Tr. Orn. ii. p. 197.

*S. brachyotus*, *Gmel.* Syst. Nat. p. 289.—*Lath.* Ind. Orn. p. 55; Syn. i. p. 124; Supp. i. p. 43; Supp. ii. p. 56; Gen. Hist. i. p. 315.—*Daud.* Tr. Orn. ii. p. 216.—*Forst.* Phil. Trans. lxii. p. 384.—*Bechst.* Naturg. Deutschl. ii. p. 909.—*Shaw*, Zool. vii. p. 223. — *Wils.* Am. Orn. pl. 33. f. 3. — *Audub.* Am. B. pl. 432; Orn. Biog. v. p. 273. — *Temm.* Man. Orn. pt. 1. p. 99, pt. 3. p. 51; Tab. Méth. p. 7. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 73; Vög. Liv. u. Esthl. p. 34.—*Frisch*, Vög. Deutschl. pl. 98.—*Naum.* Nat. Vög. Deutschl. iv. p. 356. pl. 29. f. 49, Nachtr. p. 340; ed. nov. i. p. 459. pl. 45. f. 1. — *Wern.* Atl. Ois. Eur. — *Vieill.* Faun. Franç. p. 43. pl. 20. f. 3.—*Roux*, Orn. Prov. i. p. 75. pl. 49.—*Richards. & Swains.* Faun. Bor. Am. ii. p. 75. — *Bonap.* Ann. Lyc. N. York, ii. p. 37; Isis, 1832, p. 1160. — *Bailly*, Orn. Sav. i. p. 177. — *Bew.* Brit. B. ed. 2. i. pp. 58 ♂, 60 ♀. — *Yarr.* Brit. B. i. p. 121. — *Penn.* Brit. Zool. 1812, i. p. 260. pl. 32. — *Mont.* Orn. Dict. & Supp. Owl.—*Fox*, Synop. Newcast. Mus. p. 54. — *Baik. & Hedd.* Hist. Nat. Orcad. p. 31.—*S.-Longch.* Faun. Belg. p. 59. — *Thomps.* Nat. Hist. Verm. p. 66. — *Peab.* B. Mass. p. 89. — *Lubb.* Faun. Norf. p. 32. — *Morr.* Brit. B. p. 173. pl. 23.



- S. accipitrina*, *Pall.* Itin. i. p. 455.—*Gmel.* Reise Sib. ii. p. 163; Syst. Nat. p. 295.—*Daud.* Tr. Orn. ii. p. 185. — *Lath.* Gen. Hist. i. p. 318.
- S. palustris*, *Bechst.* Vög. Deutschl. ii. p. 344.—*Siemss.* Handb. Land- u. Wasservög. p. 35. — *Lath.* Ind. Orn. Supp. p. 13; Syn. Supp. ii. p. 58; Gen. Hist. i. p. 319. — *Shaw*, Zool. vii. p. 227.—*Meyer*, Zool. Ann. i. p. 332.
- S. ulula*, *Gmel.* Syst. Nat. p. 294 (nec *Linn.*).—*Lath.* Ind. Orn. p. 60; Syn. i. p. 140; Supp. i. p. 47. — *Daud.* Tr. Orn. ii. p. 196.—*Shaw*, Zool. vii. p. 270.
- S. passerina*  $\beta$ , *Lath.* Ind. Orn. p. 66; Syn. i. p. 151; Gen. Hist. i. p. 371 A.
- S. ulula*  $\gamma$ , *Lath.* Ind. Orn. p. 60; Syn. i. p. 147.
- S. tripennis*, *Schrank*, Faun. Boica, p. 112. no. 64.
- S. brachyura*, *Nilss.* Faun. Suec. i. p. 62.
- S. caspia*, *Shaw*, Zool. vii. p. 272.
- S. ægoli*us, *Pall.* Zoog. Ross. As. i. p. 309.
- Noctua minor*, *Gmel.* Nov. Com. Petrop. xv. p. 447. pl. 12.
- Otus brachyotus*, *Steph.* Zool. xiii. pt. 2. p. 57.—*Jerd.* Madr. Journ. x. p. 86.—*Fig.* Zool. Beech. Voy. p. 16.—*Gray*, Gen. B. fol. sp. 3.—*Rüpp.* Syst. übers. p. 12.—*Cuv.* Règ. An. ed. 2. i. p. 341.—*Less.* Tr. Orn. p. 111.—*Jard.* (Wils.) Am. Orn. ii. p. 63; Brit. B. i. p. 285.—*Portl.* Instit. vi. p. 359.—*Swains.* Classif. B. ii. p. 217.—*Bonap.* Cat. Ucc. Eur. p. 23.—*Selby*, Ill. Brit. Orn. i. p. 88. — *Flem.* Brit. An. p. 56. — *Jenyns*, Man. Brit. p. 92. — *Mont.* Orn. Dict. ed. Renn. p. 241. — *Thomps.* B. Irel. i. p. 88.—*Watt.* B. Irel. p. 24.—*Knox*, Orn. Suss. (Ramb.) p. 187.—*Peale*, U. S. Expl. Exp. viii. p. 75. — *Couch*, Faun. Cornw. p. 11.—*Gard.* Nat. Hist. Staff. p. 272. — *Paget*, Nat. Hist. Yarm. p. 4.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 114.—*Cass.* Cat. Strig. Ac. Sc. Philad. 1849, p. 11.
- O. palustris*, *Darw.* Zool. Beag. pt. 3. p. 33.—*Bridg.* Proc. Zool. Soc. pt. 11. p. 110; Ann. Nat. Hist. xiii. p. 500. — *Brehm*, Vög. Deutschl. p. 124. — *De Kay*, Zool. N. York, ii. p. 28. pl. 12. f. 27.
- O. agrarius*, *Brehm*, Vög. Deutschl. p. 124.
- O. microcephalus*, *Leach*, Syst. Cat. Brit. Mus. p. 11.
- Asio ulula*, *Less.* Man. Orn. i. p. 116.
- A. brachyotus*, *Macgill.* Brit. B. iii. p. 461.
- Brachyotus palustris*, *Bonap.* Eur. & N. Am. B. p. 7.—*Gould*, Eur. B. pl. 40.

*Ulula brachyotos*, *James*. (Wils.) *Am. Orn.* i. p. 106.—*Macgill*, *Rap. B. Brit.* p. 412. — *Nutt.* *Man. Orn. U. S. & Canad.* p. 132.

*Chouette*, *Levaill.* *Ois. Af.* i. p. 163.—*Buff.* *Pl. Enl.* 438.

*Le Duc à courtes Oreilles*, *Buff.* *Ois. ed. Sonn.* iv. p. 77.—*Gérard.* *Tab. Elem. Orn.* i. p. 78.

*Chouette caspienne*, *Buff.* *Ois. ed. Sonn.* iv. p. 169.

*Allocco di Padule*, *Savi*, *Orn. Tosc.* i. p. 72.

*Short-eared Owl*, *Penn. Aret. Zool.* p. 229. sp. 116.

*Large Brown Owl*, *Alb. B.* iii. pl. 7.

*Habitat.* — Europe. Britain. Holland. S. Africa (*Levaill.*). Ionian Islands. Asia. Siberia. Bochara. China (*Jard.*). Anatolia (*Strickl.*). India (*Jerdon*). Nepal, Candahar. N. parts of N. America to lat. 67° N. (summ.), United States and California (wint.). S. America. La Plata. Patagonia. Falkland Isles (*Darwin*). Polynesia. Sandwich Isles. Marianne Isles (*D'Orbig.*).

356 *a.* **ASIO GALAPAGOENSIS**, (Gould) 1837.—*Mus. Brit.*

*Brachyotus galapagoensis*, *Gould*, *Proc. Zool. Soc.* pt. 5. p. 10.

*Otus galapagoensis*, *Darw.* *Zool. Beag.* pt. 3. p. 32. pl. 3. — *Gray*, *Gen. B.* fol. sp. 3; *List B. Brit. Mus.* p. 108.—*Bonap.* *Consp. Av.* p. 51.

*O. brachyotus*, *Kaup*, *Monog. Strig. Cont. Orn.* 1852, p. 114.

*Habitat.*—Galapagos Islands. James Islands (*Darwin*). Falkland Islands (Antarctic exp.).

357. **ASIO CAPENSIS**, (Smith) 1835.—*Mus. Strickland*, Nos. 162 *a.* 162 *b.* *Brit.*

*Otus capensis*, *Smith*, *S. Af. Quart. Journ.* ser. 2. p. 306; *Zool. S. Af.* pl. 67.—*Gray*, *Gen. B.* fol. sp. 7.

*Phasmoptynx capensis*, *Kaup*, *Monog. Strig. Cont. Orn.* 1852, p. 114.

*Habitat.*—S. Africa.

358. **ASIO ABYSSINICUS**, (Guérin) 1843.—*Mus.*

*Otus abyssinicus*, *Guér.* *Rev. Zool.* 1843, p. 321.—*Gray*, *Gen. B.* fol. sp. 8; *List B. Brit. Mus.* p. 108 (sub *O. capensis*).

*Habitat.*—E. Africa. Abyssinia.

359. **ASIO SIGNAPA**, D'Orbigny, 1840.—Mus.

*Otus signapa*, *D'Orbig.* (R. Sagra) Hist. Nat. Cuba, Ois. p. 31. pl. 2.—*Gray*, Gen. B. fol. sp. 9.—*Bonap.* Consp. Av. p. 50.

*Habitat.*—Island of Cuba.

360. **ASIO MADAGASCARIENSIS**, (Smith) 18—Mus. Brit.

*Otus madagascariensis*, *Gray*, List B. Brit. Mus. p. 106. — *Bonap.* Consp. Av. p. 50. — *Cass.* Cat. Strig. Ac. Sc. Philad. 1849, p. 11.

*Rhinoptynx madagascariensis*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 114.

*Habitat.*—Madagascar.

Genus **BUBO**, *Duméril*, 1806.361. **BUBO MAXIMUS**, Sibbald, 1684.—Mus. Strickland, No. 163. Brit.

*Bubo maximus*, *Sibb.* Prod. Nat. Hist. Scot. ii. p. 15.—*Bonap.* Eur. & N. Am. B. p. 6 ; Cat. Ucc. Eur. p. 23.—*Benn.* Gard. Zool. Soc. ii. p. 153. — *Gray*, Gen. B. p. 6 ; ed. 2. p. 7 ; fol. sp. 1. pl. 13. f. 3.—*Gould*, Eur. B. pl. 37.—*Jard.* Brit. B. i. p. 293. pl. 32. — *Thomps.* B. Irel. i. p. 85. — *Watt.* B. Irel. p. 25.—*Mont.* Orn. Dict. ed. Renn. p. 159. — *Macgill.* Rap. B. Brit. p. 426 ; Brit. B. iii. p. 248.—*Selby*, Ill. Brit. Orn. i. p. 82. pl. 19. — *Flem.* Brit. An. p. 57. — *Jenyns*, Man. Brit. p. 90. — *Bailly*, Orn. Sav. i. p. 161. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 116.—*Knox*, Orn. Suss. (Ramb.) p. 186.

*Bubo*, *Alb.* B. ii. pl. 9.—*Dum.* Zool. Anal. p. 34. — *Less.* Man. Orn. i. p. 117.—*Cuv.* Règ. An. ed. 1. i. p. 343.

*B. albus*, *Daud.* Tr. Orn. ii. p. 210.

*B. microcephalus*, *Steph.* Zool. xiii. pt. 2. p. 55.

*B. europæus*, *Less.* Tr. Orn. p. 115. pl. 17. f. 1.

*B. germanicus*, *Brehm*, Vög. Deutschl. p. 119.

*B. septentrionalis*, *Brehm*, Vög. Deutschl. p. 120.

*Asio bubo*, *Briss.* Orn. i. p. 477.—*Swains.* Classif. B. ii. p. 217.

*A. bubo italicus*, *Briss.* Orn. i. p. 482.

*A. bubo lapponicus*, *Briss.* Orn. i. p. 486.

*Strix bubo*, *Linn.* Syst. Nat. p. 131.—*Gmel.* Syst. Nat. p. 286.

*Lath.* Ind. Orn. p. 51 ; Syn. i. p. 116 ; Supp. i. p. 40 ; Supp. ii.

p. 55 ; Gen. Hist. i. p. 300. — *Shaw*, Mus. Lev. p. 119. pl. 29 ; Zool. vii. pls. 28, 29. — *Daud.* Tr. Orn. ii. p. 208. — *Temm.* Man. Orn. pt. 1. p. 100, pt. 3. p. 53 ; Tab. Méth. p. 7. — *Wern.* Atl. Ois. Eur. — *Bechst.* Naturg. Deutschl. ii. p. 882. — *Meyer*, Taschenb. deutsch. Vögelk. i. p. 70 ; Vög. Deutschl. pt. 1 ; Vög. Liv. u. Esthl. p. 33. sp. 4. — *Naum.* Nat. Vög. Deutschl. iv. p. 244. pl. 28 ; ed. nov. i. p. 440. pl. 44. — *Vieill.* Faun. Franç. p. 40. pl. 19. f. 1. — *Drumm.* Ann. Nat. Hist. xii. p. 413. — *Roux*, Orn. Prov. i. p. 69. pl. 46. — *Home*, Phil. Trans. lxxxvi. pl. 1. f. 2 (anat.). — *Bew.* Brit. B. ed. 2. i. p. 52. — *Yarr.* Brit. B. i. p. 107. — *Penn.* Brit. Zool. 1812, i. p. 254. pl. 30. — *Neil*, Ork. & Shet. p. 195. — *Fox*, Synop. Newcastle. Mus. p. 53. — *Baik. & Hedd.* Hist. Nat. Orcad. p. 30. — *Dillwyn*, Faun. Swans. p. 4. — *S.-Longch.* Faun. Belg. p. 59. — *Asso*, Faun. Arag. p. 70. — *Morr.* Brit. B. p. 183. pl. 25.

**S. scandiaca**, *Linn.* Syst. Nat. p. 132. — *Gmel.* Syst. Nat. p. 287. — *Lath.* Ind. Orn. p. 53 ; Syn. i. p. 120 ; Gen. Hist. i. p. 304. — *Shaw*, Zool. vii. p. 214.

**S. bubo**  $\beta$ , *Gmel.* Syst. Nat. p. 286. — *Lath.* Ind. Orn. p. 51 ; Syn. i. p. 118 ; Gen. Hist. i. p. 302 A. — *Daud.* Tr. Orn. ii. p. 209.

**Le Grand Duc**, *Levaill.* Ois. Af. i. pl. 40. — *Buff.* Pl. Enl. 435. — *Gérard.* Tab. Elem. Orn. i. p. 64.

**Berg Ufven**, *Nilss.* Skand. Faun. pl. 21.

**Gufo Reale**, *Savi*, Orn. Tosc. i. p. 68.

**Black-winged Horned Owl**, *Alb.* B. iii. pl. 6.

**Great Horned Owl from Athens**, *Edw.* B. pl. 227.

**Great Eared Owl**, *Mont.* Orn. Dict. & Supp. Owl.

*Habitat.* — Europe. Britain. France. Hungary. Russia. Switzerland. Ionian Isles. Asia, Anatolia (*Strickland*). Africa, Cape of Good Hope (*Levaillant*).

361 a. **BUBO SIBIRICUS**, *Eversmann*, 1841. — Mus. Brit.

**Bubo sibiricus**, *Eversm.* Addend. — *Gray*, Gen. B. fol. sp. 2. pl. 13 ; List B. Brit. Mus. p. 99. — *Bonap.* Consp. Av. p. 49.

*Habitat.* — Siberia.

362. **BUBO VIRGINIANUS**, (*Gmelin*) 1789. — Mus. Strickland, Nos. 164 a. 164 b. Jard., Brit., Zool. Soc., Edinb.

**Asio bubo virginianus**, *Briss.* Orn. i. p. 484.

*A. virginianus*, *Swains.* Classif. B. ii. p. 217.

*A. magellanicus*, *Less.* Man. Orn. i. p. 116.

*Strix virginiana*, *Gmel.* Syst. Nat. p. 287. — *Lath.* Ind. Orn. p. 52 ; Syn. i. p. 119 ; Supp. i. p. 40 ; Gen. Hist. i. p. 304. — *Daud.* Tr. Orn. ii. p. 210. pl. 13. — *Shaw*, Zool. vii. pl. 30. — *Temm.* Tab. Méth. p. 7. — *Wils.* Am. Orn. pl. 50. f. 1. — *Bonap.* Ann. Lyc. N. York, ii. pp. 37, 435 ; *Isis*, 1832, p. 1139. — *Audub.* Am. B. pl. 61 ; Orn. Biog. i. p. 313. — *Thomps.* Nat. Hist. Verm. p. 65. — *Peab.* B. Mass. p. 87.

*S. δ. bubo magellanicus*, *Gmel.* Syst. Nat. p. 286. — *Daud.* Tr. Orn. ii. p. 210. — *Less.* Voy. Coq. i. p. 617 ; *Isis*, 1833, p. 76. — *Cass.* B. Calif. & Tex. p. 178.

*S. bubo δ*, *Lath.* Ind. Orn. p. 52 ; Syn. i. p. 118. sp. 1 C ; Gen. Hist. i. p. 303 C. — *Shaw*, Zool. vii. p. 215.

*S. maximus*, *Bartram*, Trav. Carol. p. 285 (capite aurito, corpore niveo).

*S. virginiana A*, *Lath.* Gen. Hist. i. p. 306.

*S. nacurutu*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 44 ; Enc. Méth. iii. p. 1281.

*Bubo ludovicianus*, *Daud.* Tr. Orn. ii. p. 210.

*B. virginianus*, *Bonap.* Eur. & N. Am. B. p. 6 ; Consp. Av. p. 48. — *Richards. & Swains.* Faun. Bor. Am. ii. p. 82. — *Benn.* Gard. Zool. Soc. ii. p. 159. — *Cuv.* Règ. An. ed. 2. i. p. 344. — *Less.* Tr. Orn. p. 115. — *Jard.* (Wils.) Am. Orn. ii. p. 257. — *Bridg.* Proc. Zool. Soc. pt. 11. p. 110 ; Ann. Nat. Hist. xiii. p. 500. — *Fig.* Zool. Beech. Voy. p. 15. — *Gray*, Gen. B. fol. sp. 12 ; List B. Brit. Mus. p. 99. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 116. — *De Kay*, Zool. N. York, ii. p. 24. pl. 10. f. 2. — *Nutt.* Man. Orn. U. S. & Canad. p. 124.

*B. pinicola*, *Vieill.* Ois. Am. Sept. pl. 19 ; Enc. Méth. p. 1282.

*B. arcticus*, *Richards. & Swains.* Faun. Bor. Am. ii. pl. 30 (albino var.).

*B. subarcticus*, *Hoy*, Proc. Ac. Sc. Philad. vi. p. 211. — *Cass.* B. Calif. & Tex. p. 177.

*B. magellanicus*, *Gray*, List B. Brit. Mus. 1844, p. 46 ; 1848 (sub *B. virginianus*).

*Otus virginianus*, *Steph.* Zool. xiii. pt. 2. p. 57.

*Ulula virginiana*, *James.* (Wils.) Am. Orn. i. p. 100.

*Heliaptex arcticus*, *Swains.* Classif. B. i. p. 328 ; ii. p. 217 (albino var.).

Hibou des Terres Magellaniques, *Buff.* Pl. Enl. 385.

Jacurutu, *Marcgrave*.

Del Nacurutú, *Azar*. Pax. Par. i. p. 192. no. 42.

Eagle Owl, *Penn.* Arct. Zool. p. 228. sp. 114.

Great Horned Owl, *Edw.* B. pl. 60.

*Habitat*.—N. America to lat. 68° N. (resid.) United States.  
California. Mexico. Chili. Patagonia.

363. **BUBO MACULOSUS**, (Vieillot) 1817. — Mus. Strickland,  
No. 165. Jard., Brit., Paris, Leyden.

*Strix maculosa*, *Vieill.* Nouv. Dict. Hist. Nat. vii. p. 44 ; Gal.  
Ois. pl. 23 bis.

*S. africana*, *Temm.* Pl. Col. 50.

*Otus ? africanus*, *Steph.* Zool. xiii. pt. 2. p. 58.—*Cuv.* Règ. An.  
ed. 2. i. p. 341.

*O. maculosus*, *Less.* Tr. Orn. p. 109.—*Gray*, Gen. B. fol. sp. 5 ;  
List B. Brit. Mus. p. 106.—*Bonap.* Consp. Av. p. 49.

*Asio africanus*, *Less.* Man. Orn. i. p. 116.

*Bubo africanus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 116.

*Habitat*.—Cape of Good Hope.

364. **BUBO ASCALAPHUS**, Savigny, 1809. — Mus. Strickland,  
No. 166. Brit., Paris.

*Bubo ascalaphus*, *Savig.* Desc. Egypt. pt. 1. p. 110. pl. 3. f. 2.—  
*Bonap.* Eur. & N. Am. B. p. 6 ; Cat. Ucc. Eur. p. 23.—*Gray*,  
Gen. B. fol. sp. 4 ; List B. Brit. Mus. p. 101.—*Gould*, Eur.  
B. pl. 38.—*Kaup*, Monog. Strig. Cont. Orn. 1852, p. 115.

*Strix ascalaphus*, *Temm.* Pl. Col. 57 ; Man. Orn. pt. 3. p. 52.  
—*Audouin*, Desc. Egypt. pt. 11. p. 264.

*Otus ascalaphus*, *Steph.* Zool. xiii. pt. 2. p. 56.—*Cuv.* Règ. An.  
ed. 2. i. p. 341.—*Less.* Tr. Orn. p. 109.

*Asio ascalaphus*, *Less.* Man. Orn. i. p. 115.

*Ascalaphia savignii*, *Gray*, Gen. B. ed. 2. p. 7.—*Bonap.* Consp.  
Av. p. 48.

*Habitat*.—Eastern Europe. Sicily. Sardinia (*Lesson*). Turkey,  
Asia Minor, Persia. Africa. Egypt.



365. **BUBO ORIENTALIS**, (Horsfield) 1821. — Mus. Brit., Zool. Soc., E. Ind. Comp., Paris, Leyden.

*Strix orientalis*, *Horsf.* Linn. Trans. xiii. p. 140 ; *Isis*, 1825, p. 1056 ; Zool. Res. Java, Gen. Cat. — *Lath.* Gen. Hist. i. p. 323. — *Less.* Man. Orn. i. p. 109. — *Vig.* Raffl. Life, p. 650.

*S. sumatrana*, *Raffl.* Linn. Trans. xiii. p. 279.

*S. strepitans*, *Temm.* Pl. Col. 174, 229.

*Scops strepitans*, *Steph.* Zool. xiii. pt. 2. p. 54. — *Less.* Man. Orn. i. p. 118.

*Bubo strepitans*, *Cuv.* Règ. An. ed. 2. i. p. 344.

*B. nipalensis*, *Hodgs.* As. Res. xix. p. 172.

*B. orientalis*, *Gray*, List B. Brit. Mus. p. 100 ; Gen. B. fol. sp. 7. — *Bonap.* Consp. Av. p. 49.

*Syrnium strepitans*, *Less.* Tr. Orn. p. 114.

*Huhua nipalensis*, *Hodgs.* Journ. As. Soc. Beng. vi. p. 362. — *Gray*, Gen. B. p. 5 ; ed. 2. p. 8.

*Etoglaux*, *Hodgs.* Journ. As. Soc. Beng. x. p. 28.

*Urrua orientalis*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 117.

*Habitat.*—S. Asia. Nepal. Java. Sumatra.

- 365 a. **BUBO PECTORALIS**, (Jerdon) 1839.—Mus.

*Huhua pectoralis*, *Jerd.* Madr. Journ. x. p. 89. pl. 1.

*Bubo pectoralis*, *Gray*, Gen. B. fol. sp. 8.—*Blyth*, Journ. As. Soc. Beng. xix. n. s. p. 506. — *Bonap.* Consp. Av. p. 49. — *Cass.* Cat. Strig. Ac. Sc. Philad. 1849, p. 17.

*Habitat.*—S. Asia. India. Malabar.

366. **BUBO BENGALENSIS**, (Franklin) 1831.—Mus. Strickland, No. 167. Jard., Brit., Zool. Soc.

*Strix*, *Raffl.* Linn. Trans. xiii. p. 339.

*Otus bengalensis*, *Frankl.* Proc. Comm. Zool. Soc. pt. i. p. 115 ; Journ. As. Soc. Beng. i. p. 262.—*Sykes*, Proc. Comm. Zool. Soc. pt. 2. p. 81 ; Journ. As. Soc. Beng. iii. p. 420.—*Gould*, B. Him. pl. 3.

*Urrua cavearia*, *Hodgs.* Journ. As. Soc. Beng. vi. p. 372. — *Gray*, Gen. B. p. 6 ; ed. 2. p. 8.

*U. bengalensis*, *Jerd.* Madr. Journ. x. p. 87.



*Mesomorpha*, *Hodgs.* Journ. As. Soc. Beng. x. p. 28.

*Bubo ? cavearius*, *Hodgs.* As. Res. xix. p. 169.

*B. bengalensis*, *Gray*, Gen. B. fol. sp. 10 ; List B. Brit. Mus. p. 100.—*Bonap.* Consp. Av. p. 49. — *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 506. — *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 115.

*Habitat*.—Asia. India. Himalaya. Candahar.

367. **BUBO CAPENSIS**, Daudin, 1800.—Mus. Brit.

*Strix capensis*, *Daud.* Tr. Orn. ii. p. 209.

*S. bubo*, var., *Shaw*, Zool. vii. p. 215. — *Lath.* Gen. Hist. i. p. 303 D.

*Bubo africanus*, *Steph.* Zool. xiii. pt. 2. p. 55.

*B. capensis*, *Smith*, Zool. S. Af. pl. 70. — *Gray*, Gen. B. fol. sp. 3 ; List B. Brit. Mus. p. 99.—*Bonap.* Consp. Av. p. 49.—*Rüpp.* Syst. übers. p. 12.

Grand Duc, *Levaill.* Ois. Af. pl. 40.

*Habitat*.—S. Africa. Elephant River.

368. **BUBO LACTEUS**, Temminck, 1822.—Mus. Brit., Laugier.

*Strix lactea*, *Temm.* Pl. Col. 4.

*Scops lactea*, *Less.* Man. Orn. i. p. 118.

*Bubo lacteus*, *Steph.* Zool. xiii. pt. 2. p. 55. — *Cuv.* Règ. An. ed. 2. i. p. 344. — *Rüpp.* Neue Wirbelth. p. 45 ; Syst. übers. p. 12.—*Gray*, Gen. B. fol. sp. 5 ; List B. Brit. Mus. p. 99.—*Hartl.* Verz. W. Af. Vög. p. 16. — *Cass.* Cat. Strig. Ac. Sc. Philad. 1849, p. 17.

*B. sultanus*, *Less.* Tr. Orn. p. 115.—*Pucher.* Rev. Zool. 1849, p. 27.—*Gray*, Gen. B. fol. sp. 11.

*Otus lacteus*, *Less.* Tr. Orn. p. 111.

*Urrua lacteus*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 117.

*Habitat*.—Senegal. Cape of Good Hope.

368 a. **BUBO CINERASCENS**, Guérin, 1843.—Mus.

*Bubo cinerascens*, *Guér.* Rev. Zool. 1843, p. 321.—*Gray*, Gen. B. fol. sp. 6.—*Bonap.* Consp. Av. p. 49.

*Otus cineraceus*, *Des Murs*, &c. (*Lefeb. & Dill.*) Voy. Abyss. vi. p. 74. pl. 4.

*Habitat*.—E. Africa. Abyssinia.

369. **BUBO DILLONII**, Des Murs & Prévost, 1846.

*Bubo dillonii*, *Des Murs & Prév.* Rev. Zool. 1846, p. 242 ; (*Lefeb. & Dill.*) Voy. Abyss. vi. p. 73. pl. 3.—*Bonap.* Consp. Av. p. 49 (sub *B. cinerascens*).

*Habitat.*— — ?

Genus **URRUA**, *Hodgson.* 1837.

370. **URRUA COROMANDA**, (Latham) 1790.—Mus. Strickland, Nos. 168 *a.* 168 *b.* Brit.

*Strix coromanda*, *Lath.* Ind. Orn. p. 53 ; Syn. Supp. i. p. 44 ; Gen. Hist. i. p. 310.—*Daud.* Tr. Orn. ii. p. 215.—*Shaw*, Zool. vii. p. 220.

*Otus ? coromandus*, *Steph.* Zool. xiii. pt. 2. p. 58.

*Bubo coromander*, *Gray*, Gen. B. fol. sp. 9 ; List B. Brit. Mus. p. 100. — *Blyth*, Journ. As. Soc. Beng. n. s. xix. p. 507.—*Bonap.* Consp. Av. p. 49.

*Urrua coromandra*, *Hodgs.* Journ. As. Soc. Beng. vi. p. 373.

*U. umbrata*, *Blyth*, Journ. As. Soc. Beng. xiv. p. 180.

*U. coromanda*, *Kaup*, Monog. Strig. Cont. Orn. 1852, p. 117.  
—*Gray*, Ind. Zool. pl. 20 ?

Petit Hibou de Coromandel, *Sonnerat*, Voy. Ind. ii. p. 186.

*Habitat.*—Asia. S. India. Coromandel. Nepal. Bengal.

## ADDENDA, &amp;c.

- Page 2.—No. 2. **CATHARTES ATRATUS**, Bartram, *add to Syns.*,  
**Cathartes brasiliensis**, Bonap. Consp. Av. p. 9.
- Page 2.—**Acabiráy**, Azar. Pax. Par. no. 3, *add i.* p. 24.
- Page 6.—**V. cinereus**, *read Naum.* Nat. Vög. Deutschl., Nachtr.,  
p. 345 ; ed. nov. i. p. 155. pl. 1.
- Page 6.—**V. niger**, *dele Naum.* Nat. Vög. Deutschl. pl. 1. f. 1.
- Page 9.—*Naum.* Nat. Vög. Deutschl., *add ed. nov.*
- Page 9.—**V. percnopterus**, Daud., *add Tr. Orn.* ii. p. 13.
- Page 12.—**Vultur percnopterus**, *add to Syns.*, Meyer, übers. N. Zool. Neuholl. u. Af. p. 111.
- Page 12.—*For V. fulvus*, Bodd., *read fuscus*, and *add to Pl. Enl.*,  
427.
- Page 15.—**Vultur barbatus**, *add to Syns.*, Meyer, übers. N. Zool. Neuholl. u. Af. p. 109.
- Page 16, line 24.—*For Blumenb.* Abhand., *read Abbild.*
- Page 22.—**F. americanus**, Bodd. Tab. Pl. Enl., *add* 417.
- Page 28.—**Falco buteo**, *Naum.* Nat. Vög. Deutschl., *add* iv. p. 206.  
pl. 24. f. 40, pl. 25. f. 41, 42, pl. 26. f. 43 ; ed. nov. i. p. 346.  
pls. 32, 33.
- Pages 29, 35, 40, 50, 55, 65, 77, 92, 99, 108, 118.—*For Richards.*  
Faun. Bor. Am., *read Richards. & Swains.* Faun. Bor. Am.
- Page 30, line 4.—*For Towns.* *read Woodh.*
- Page 34.—No. 45. *For BUTEO ERYTHRONOTUS*, King, 1827,  
*read BUTEO POLYOSOMA*, Quoy & Gaimard, 1824, and *add*  
**Falco polyosoma**, Quoy & Gaim. Zool. Journ. iii. p. 271.  
**Buteo polyosoma**, Less. Tr. Orn. p. 82.  
**Astur polyosoma**, Cur. Règ. An. ed. 2. i. p. 332.

Page 35, line 2.—*After* Av. Consp. *add* Wiegman.

Page 46, line 6.—*After* Nachtr. *add* alte Ausgabe.

Page 50.—Weisskopfger Adler, *Meyer*, Taschenb., *add* Deutsch. Vögelk. iii. p. 8.

Page 54.—*Aquila obscura y blanca*, *Azar*. Pax. Par., *add* i. p. 61. no. 8.

Page 59, line 2.—*After* Nachtr. *add* alte Ausgabe; line 6, *after* Taschenb. *add* Deutschl.

Page 60.—No. 94. **AQUILA MALAYENSIS**, *add*

*Aquila pernigra*, *Hodgs.* Journ. As. Soc. Beng. v. p. 227.

*A. malayensis*, *Gray*, List B. Brit. Mus. 1844, p. 7; Gen. B. fol. sp. 15.

*Nisaetus ovivorus*, *Jerd.* Madr. Journ. xiii. p. 157.

*Ictinaëtus perniger*, *Blyth*, Ann. Nat. Hist. xiii. p. 114.

*I. malayensis*, *Blyth*, Journ. As. Soc. Beng. xv. p. 7.

*Heteropus perniger*, *Hodgs.* Journ. As. Soc. Beng. xii. p. 127.

Page 62.—*A. fucosa*, *Gould*, Synop. B. Aust. pt. 3, *add* pl. 36.

Page 64.—*P. alticeps et planiceps*, *Brehm*, Isis, *add* 1833, pp. 777, 778.

Page 79.—*F. cyanopus*, *Thienemann*, *add* Rhea, p. 62. pls. 1, 2.

Page 80.—*F. rubens*, *Thienemann*, *add* Rhea, p. 72; *for rubens* *read* *rubens*.

Page 80.—*Le Lanier*, *Belon*, *add* Hist. Nat. Ois. p. 123.

Page 81.—*F. peregrinus*, *Brehm*, Vög. Deutschl. p. 63, *add to* *Syns.*, Isis, 1833, p. 979.

Page 96.—*Cerchneis tinnunculus*, *Boié*, *add* Bemerk. neue Vögelgatt., Isis, 1828, p. 312.

Page 103.—*F. fringillarius*, *Drapiez*, Dict. Class. Hist. Nat., *add* vi. p. 412.

Page 105.—*Before* *Dædalion fringillarius*, *add* *Falco brehmii*, *Dubois*, Orn. Gal. p. 170. pl. 112.

Page 117.—*F. albescens*, *Bodd.* Tab. Pl. Enl., *add*, 423.

Page 118.—*Falco albus*, *add to* *Syns.*, *Meyer*, übers. N. Zool. Neu-holl. u. Af. p. 35.

Page 121.—*Add*

204\*. **ASTUR TRIVIRGATUS**, *Temminck*, 182.—Mus. Jard., Brit., Paris.

*Falco trivirgatus*, *Temm.* Pl. Col. 303.

*Nisus trivirgatus*, *Less.* Man. Orn. i. p. 98.

*Astur trivirgatus*, *Cuv. Règ. An. ed. 2. i. p. 332.*—*Gray*, Gen. B. fol. sp. 7 ; List B. Brit. Mus. 1844, p. 33 ; 1848, p. 65.—*Bonap. Consp. Av. p. 31.*

*A. cristatus*, *Gray*, Ann. Nat. Hist. xi. p. 371.

*A. indicus*, *Hodgs. Beng. Sport. Mag.* ; *Gray*, List B. Brit. Mus. 1844, p. 33.

*A. palumbarius*, *Jerd. Madr. Journ. x. p. 85.*

*Dædalion trivirgatus*, *Less. Tr. Orn. p. 66.*

*Lophospizia trivirgatus*, *Kaup, Monog. Falc. Cont. Orn. 1850, p. 65.*

*Habitat.*—S. Asia. Nepal. Sumatra. Philippine Isles (*Gray*).

204\*\*. **ASTUR UNICINCTUS**, *Temminck*, 18—. — Mus. Brit., Paris.

*Falco unicinctus*, *Temm. Pl. Col. 313.*

*F. harrisi*, *Audub. Am. B. pl. 392 ; Orn. Biog. v. p. 30.*

*Morphnus unicinctus*, *Less. Man. Orn. i. p. 90.*

*Astur unicinctus*, *Cuv. Règ. An. ed. 2. i. p. 332.*—*Bridg. Proc. Zool. Soc. pt. 11. p. 109.* — *Kaup, Monog. Falc. Cont. Orn. 1850, p. 66.* — *Gray*, Gen. B. fol. sp. 5 ; List B. Brit. Mus. 1848, p. 64.

*Buteo harrisi*, *Audub. Synop. p. 5.* — *Bonap. Eur. & N. Am. B. p. 3.*—*De Kay, Zool. N. York, ii. p. 11.*

*B. unicinctus*, *Gray*, List B. Brit. Mus. 1844, p. 18. — *Hartl. Syst. Ind. Azar. p. 2.*

*Nisus unicinctus*, *Less. Tr. Orn. p. 61.*

*Polyborus tæniurus*, *Tschudi, Av. Consp. Wiegman. Arch. 1844, p. 264 ; Faun. Per. pl. 1, juv.*

*Spizageranus unicinctus*, *Kaup, Mus. Senck. 1845, p. 260.*

*Urubitinga unicincta*, *Lafresn. Rev. Zool. 1849, p. 99.*

*Hypomorphnus unicinctus*, *Tschudi, Faun. Per. pp. 17, 85.*

*Obscuro y canela*, *Azar. Pax. Par. i. p. 94. no. 19.*

*Habitat.*—N. America. Mississippi (acc.). Brazil. Chili.

204\*\*\*. **ASTUR RUFULUS**, *Lichtenstein*, 1823. — Mus. Strickland, No. 85\*. Brit., Paris, Vienna, Berlin, Leyden.

*Circus rufulus*, *Vieill. Nouv. Dict. Hist. Nat. iv. p. 466 ; Enc. Méth. iii. p. 1216.*

*C. rutilans*, *Steph.* Zool. xiii. pt. 2. p. 43.—*Fig.* Zool. Journ. i. p. 340.—*Swains.* Classif. B. ii. p. 212 ; *Phil. Mag.* ser. 2. i. p. 366.

*Falco rutilans*, *Licht.* Verz. Doubl. p. 60.—*Temm.* Pl. Col. 25.

*Buteo rutilans*, *Less.* Man. Orn. i. p. 104 ; *Tr. Orn.* p. 79. — *Cuv.* Règ. An. ed. 2. i. p. 337. — *Gray*, Gen. B. fol. sp. 9. — *Hartl.* Syst. Ind. Azar. p. 1. — *Pucher.* Rev. Zool. 1850, p. 215.

*Hypomorphnus rutilans*, *Tschudi*, Av. Consp. Wieg. Arch. 1844, p. 264 ; *Faun. Per.* pp. 17, 84.

*Urubitinga rutilans*, *Lafresn.* Rev. Zool. 1849, p. 99.

*Rupornis meridionalis*, *Kaup*, Monog. Fale. Cont. Orn. 1850, p. 68.

*Acanelado*, *Azar.* Pax. Par. i. p. 72. no. 11.

*Habitat.*—S. America. Paraguay. Brazil. Guiana. Central America. Mexico.

Page 125.—No. 211. **POLIORNIS INDICUS**, Gmelin, *add*

*Falco indicus*, *Lath.* Ind. Orn. p. 22 ; *Syn.* i. p. 34\*. sp. 7 *d.*—*Daud.* Tr. Orn. ii. p. 76.

*F. javanicus*, *Lath.* Gen. Hist. i. p. 163.

*Habitat.*—Java.

Page 176.—*N. tengmalmi*, *add Strickl.* Ann. Nat. Hist. vi. p. 417.

END OF VOL. I.











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